

The Dangers of E-Cigarettes

What they don't want you to know...

Here are some samples collected over the past few years showing the wide range of hazards that electronic cigarettes and vaping devices can pose to users and those around them – from fires and explosions to poisoning and secondhand emissions from a wide range of substances. These unregulated products should not be used in smokefree spaces – including airplanes - where others are exposed to the secondhand emissions and other risks.

For more information, please visit our Electronic Cigarette page: <http://www.no-smoke.org/ecigs.html>

At-a-glance key:

	= Fire		= Car-involved		= Veteran
	= Poisoning		= Bodily injury/burns		= Lung damage/respiratory
	= House Fire		= Kid involved		= Hospital
	= Explosion/overheated		= Teen involved		= Lawsuit
	= Explosion/fire in pants		= Death		= Research/article/study/data
	= Teeth broken/blown out		= Airplane/Airport		= Pets
	= Bystander hit/injured by explodinge-cig				

Oct 22, 2017      **E-cigarette exploded, nearly lost eye, severe burns, shattered teeth**
E-cig blows up in teens face [VIDEO] [Video]

<http://www.ky3.com/content/news/E-cig-blows-up-in-teens-face-452270353.html>

PORTLAND, Or. -- A consumer alert is out for those who use E-cigarettes. A teenager in Oregon nearly lost his eye after he says his blew-up in his face. Blake Chastain says he was on break at work when his E-cig exploded, causing severe injuries including serious burns. He also suffered an eye injury and most of his right hand is blistered. The explosion even shattered some of his teeth.

October 19, 2017   **E-cigarette explodes and catches fire in backpack on high school bus, no injuries**
Exploding vape pen starts fire on Valley Tech bus

<http://www.telegram.com/news/20171019/exploding-vape-pen-starts-fire-on-valley-tech-bus>

A backpack a student had on a bus headed to Blackstone Valley Regional Vocational Technical High School in Upton at 7:15 a.m. burst into flames when a battery in a vape pen exploded. "On video footage from the bus you can see flames and sparks from floor to ceiling, shooting up from the backpack," said Northbridge Police Officer Thomas Dejourdy.

October 17, 2017  **Vaping compromises vascular health**
Vaping - E-Cigs Have Their Own Set Of Risks, Says Vascular Surgeon

<https://www.prnewswire.com/news-releases/vaping---e-cigs-have-their-own-set-of-risks-says-vascular-surgeon-300537595.html>

People who have any kind of vascular disease should avoid tobacco and e-cigarettes with nicotine, said Dr. Jeb Hallett, a vascular surgeon at the Medical University of South Carolina and a board member of the Society for Vascular Surgery. Because vascular surgeons treat diseases of the circulatory system, it is common to see patients whose arteries are severely compromised, due in large part to a lifetime of smoking. "Not only can vaping nicotine fluids be toxic," Hallett noted, "just getting the liquid on your skin is also dangerous, because nicotine can be absorbed through the skin and cause abnormal rapid heartbeat, which can sometimes lead to heart failure."

October 5, 2017  **Study: vaping can increase risk of cardiac arrest and possible death**

E-cigarettes increase risk of cardiac arrest

<http://www.jhunewsletter.com/2017/10/05/e-cigarettes-increase-risk-of-cardiac-arrest/>

Electronic cigarettes, or e-cigarettes, are thought to be a healthier alternative to the traditional tobacco cigarettes, but recent evidence shows otherwise. In a study published in the *Journal of the American Heart Association*, puffing an e-cigarette that delivers nicotine not only triggers addiction but can also lead to an increased risk in cardiac arrest and possibly cardiac death.

October 4, 2017  **Kid**  **Study: Poisonings from e-cigarettes have increased significantly among children**

Tobacco-related poison events involving young children in the US, 2001-2016

Tobacco Regulatory Science 3(4): 525-535, October 2017

<https://doi.org/10.18001/TRS.3.4.12>

During 2001-2016, there were 123,876 calls involving young children. During the study period, calls increased for most product types; **e-cigarette-related calls increased from 7 in 2010 to 2558 in 2015**. In calls with information on level of care (92.2%), 278 children were admitted to an intensive care unit, 497 were admitted to a hospital noncritical care unit, and 19,834 were treated and released.

October 3, 2017 **Kid** **Letter to the editor/response: E-cigarettes not safe near children**

E-cigarettes not safe to use near children

<https://www.abqjournal.com/1072374/ecigarettes-not-safe-to-use-near-children.html>

A: Electronic cigarettes, or e-cigarettes, are NOT safe and pose dangers on many fronts ... ENDS are also called vaping devices, personal vaporizers, vape pens, ... These devices produce an aerosolized mixture containing nicotine and flavors and is inhaled by the user. The exhaled vapor may be even more dangerous than cigarette smoke. This vapor is a toxic aerosol that contains nicotine, antifreeze, diethylene glycol, and carcinogens such as formaldehyde and nitrosamines which can cause cancer.

October 02, 2017    **E-cigarette blew up in pants, burns to right thigh and on right hand, flown to hospital**
Man seriously injured-e-cigarette explodes!

<http://www.turkeytelegraph.com/world/man-seriously-injured-e-cigarette-explodes-h3602.html>

In explosion of battery of an e-cigarette, a man in Aschaffenburg (Bavaria) has been seriously injured. The 29-year-old had e-cigarette in his trouser pocket, shared police on Monday. Probably a short circuit in battery caused explosion. The man suffered burns on right thigh and on right hand. He was flown on Sunday with a helicopter to a special clinic.

September 27, 2017  **Study: E-cigarettes can stress cardiovascular system**

New study warns of e-cig dangers

<http://www.theindychannel.com/news/local-news/indianapolis/new-study-warns-of-e-cig-dangers>

The UCLA study took a group of 33 non-smokers, and had them use e-cigs either with or without nicotine for 12 weeks. "The people that had the e-cigarettes with nicotine actually had a significant variability in their heart rate, which is a surrogate marker for what we call increased sympathetic activity, which can be a stress on the cardiovascular system," said Dr. Ashwin Ravichandran, a cardiologist at St. Vincent Heart Center.

September 26, 2017  **Study: E-cigarettes w/ nicotine, significantly increase blood pressure, heart rate & arterial stiffness**
E-Cigarettes Increase Vital Signs and Arterial Stiffness

<https://www.hospimedica.com/critical-care/articles/294770869/e-cigarettes-increase-vital-signs-and-arterial-stiffness.html>

Significant increases in blood pressure (BP), heart rate, and arterial stiffness are seen in the first 30 minutes after smoking electronic-cigarettes containing nicotine, according to a new study... The results showed that in the first 30 minutes after

smoking e-cigarettes containing nicotine, there was a significant increase in BP, heart rate, and arterial stiffness; no such effect was seen on heart rate and arterial stiffness in the volunteers who had smoked e-cigarettes without nicotine. Importantly, arterial stiffness increased around three-fold in those who were exposed to nicotine containing e-cigarettes.

September 26, 2017  **Clothes caught on fire, needs treatment for burns to hands and thigh**

Dad 'lucky to be alive' after e-cigarette explodes in his pocket

http://www.freepressseries.co.uk/news/15558324.Dad_39_lucky_to_be_alive_39_after_e_cigarette_explodes_in_his_pocket/

Nathan Davies, of Derwen Way, Abergavenny, said he was driving to the tip in Llanfoist with a friend last week when the e-cigarette caught fire in his pocket, causing his tracksuit bottoms to go up in flames last week. The 40-year-old said he has been using e-cigarettes for around two years, as he wanted to give up smoking for his children.

September 22, 2017  **E-cig user has "Popcorn Lung" and cannot exhale out of his lungs at all – needs oxygen mask**
Central Texas man warns of lung issues likely posed by e-cigarettes

<http://www.kcentv.com/news/health/central-texas-man-warns-of-lung-issues-likely-posed-by-e-cigarettes/477704761>

Tommy Lowrance, a professor at McLennan Community College, developed a condition called "Popcorn Lung" after starting to vape for a short period of time in order to help quit cigarettes. Now, most likely as a result of the chemicals found in those e-cigarettes, he has to use an oxygen machine to function. And, his lungs are in worse condition than people who suffer from some of the most severe lung diseases.

September 20, 2017  **Study: Nicotine levels found in e-cigs may increase risk of heart attack**
Will an E-Cigarette Harm Your Heart?

http://siouxcityjournal.com/lifestyles/health-med-fit/will-an-e-cigarette-harm-your-heart/article_28f54dac-61e2-57ff-b783-737d371c5646.html

The nicotine in e-cigarette vapor may cause adrenaline levels to spike in the heart, potentially increasing risk of heart attack and sudden cardiac death, a new study reports. Electronic cigarettes have been promoted as a healthier alternative to tobacco cigarettes because they deliver vastly lower levels of carcinogens, researchers ...

September 20, 2017  **Study: Nicotine found in e-cigs can harm nonsmokers' heart health**
E-cigarettes DO inflict life-long damage on nonsmokers' hearts that is similar to tobacco cigarettes, a study claims

<http://www.dailymail.co.uk/health/article-4899514/e-cigarettes-nicotine-cause-life-long-damage-heart.html>

Healthy nonsmokers who used e-cigarettes with nicotine could be inflicting life-long damage on their heart, a study claims. Unlike cigarettes, e-cigs have no combustion or tobacco. Instead, these electronic, handheld devices deliver nicotine with flavoring and other chemicals in a vapor into the lungs. Experts studied whether nicotine could have negative effects on the heart and potentially lead to cardiovascular risks. They found the nicotine in one e-cig increased adrenaline levels in the body for a healthy nonsmoker, which can cause heart attack or sudden death.

September 13, 2017  **Research: vaping during pregnancy increases child's risk of asthma**
Vaping in pregnancy increases a child's risk of asthma

<http://gearsofbiz.com/vaping-in-pregnancy-increases-a-childs-risk-of-asthma/54412>

Vaping in pregnancy increases a child's risk of asthma, new research suggests. E-cigarettes may cause the potentially life-threatening lung condition even if they do not contain nicotine, a study found. Lead author Dr Pawan Sharma from the University of Technology Sydney, said: 'There is a perception that vaping is a safer alternative to cigarette smoking and it is increasingly being viewed as a tool to help quit smoking during pregnancy.

September 12, 2017  **Study: harmful effects after 30 minutes of e-cigarette usage**
Increase in Atrial Stiffness During First 30-Minutes of Post E-Cig Inhalation

<http://www.empr.com/news/e-cigarette-atrial-stiffness-blood-pressure-heart-rate/article/688200/>

HealthDay News — Significant increases are seen in blood pressure, heart rate, and arterial stiffness in the first 30 minutes after smoking electronic-cigarettes (e-cigarettes) containing nicotine, according to a study presented at the European Respiratory Society International Congress, held from September 9 to 13 in Milan. ...

September 11, 2017  **Study: health risk of e-cig refills, and the dangers of being a dual user (cigarettes and e-cigs)**

E-cig refills contain irritants, and people who smoke and use e-cigs suffer more symptoms

<https://medicalxpress.com/news/2017-09-e-cig-refills-people-e-cigs-symptoms.html>

Two new studies presented at the European Respiratory Society International Congress highlight the risks associated with using e-cigarettes, especially for those who also smoke conventional cigarettes. One study examined 122 of the most commonly sold e-cigarette liquids in nine European countries and found that all contained at least one substance classified as a health risk.

September 11, 2017  **Research: e-cigarettes with nicotine may cause stiffening of the arteries**

E-cigarettes linked to risk of heart attack and stroke: Study

<http://www.newsx.com/health-and-environment/75040-e-cigarettes-linked-to-risk-of-heart-attack-and-stroke-study>

Vaping e-cigarettes with nicotine may cause stiffening of the arteries in humans and that may increase the risk of heart attacks and strokes in later life, researchers have found. Researchers conducted a study that included young adults — average age of 26 — with no history of electronic cigarette use who identified themselves as seldom smokers, meaning that they smoked no more than 10 cigarettes a month...

September 11, 2017  **Research: risk of respiratory problems**

E-cigarettes can increase risk of respiratory problems, new research reveals

<http://www.ctvnews.ca/health/e-cigarettes-can-increase-risk-of-respiratory-problems-new-research-reveals-1.3584368>

New research presented at the European Respiratory Society International Congress has revealed how e-cigarettes can put smokers at a higher risk of respiratory problems, especially for those who smoke e-cigs alongside traditional tobacco cigarettes.

September 7, 2017  **Study: safety of e-cigarette aerosol**

VERIFY: Secondhand smoke in e-vapor vs. cigarettes

<http://www.kare11.com/news/local/verify/verify-secondhand-smoke-in-e-cigarettes-vs-cigarettes/471912008>

... Our Verify team went to someone who is looking into this very topic. Irina Stepanov is an associate professor at the University of Minnesota in the Division of Environmental Health Sciences. Her lab team researches cigarettes and e-cigarettes and their effects on health. Stepanov says both products have toxic chemicals and both products are unsafe. As Stepanov and her team continue to study e-cigarettes, bottom line, she says, you should avoid exposure to those vapors.

September 3, 2017  **Article: Cigarette use among youth linked to e-cigarette use**

Cigarette Smoking Risk Linked to E-Cigarettes Use in Youth

<https://www.medicalnewsbulletin.com/cigarette-smoking-linked-e-cigarettes-youth/>

A newspaper published in *JAMA Pediatrics* carried out a systematic review and meta-analysis of prior studies investigating the ramifications of e-cigarette use in adolescents and young adults. It was found that e-cigarette use was associated with a greater risk for subsequent cigarette smoking.

August 31, 2017      **E-cigarette exploded in face, burns to face, mouth, thigh and hands, lawsuit**

Lawsuit filed against company that allegedly sold exploding e-cigarette

<http://www.wmur.com/article/lawsuit-filed-against-company-that-allegedly-sold-exploding-e-cigarette/12155341>

A Brookline woman is suing the store that sold her an e-cigarette that exploded in her face in 2015. McGrath Law Firm claims that Dana Albee, 19, purchased a Modus Klone E-cig and an IMO Mod battery from GPVapor in Merrimack in October 2015. ...

August 30, 2017  **Study: cardiovascular system**

Impact of electronic cigarettes on the cardiovascular system

<http://jaha.ahajournals.org/content/6/9/e006353.long>

...Besides their potential negative health effects on users, there is increasing evidence that e-cigarettes emit considerable levels of toxicants, such as nicotine, volatile organic compounds, and carbonyls, in addition to releasing particulate matter (PM).^{6, 7} Thus, they possess a potential harm to nonusers either through secondhand or thirdhand exposure. This is especially the case in vulnerable populations, such as children, elderly, pregnant females, and those with a history of cardiovascular disease...

August 30, 2017   **Story of e-cigs exploding**

London Euston bomb scare: How dangerous are e-cigarettes?

<http://www.theweek.co.uk/88082/london-euston-bomb-scare-how-dangerous-are-e-cigarettes>

One of London's busiest train stations was in lockdown for part of last night after a small explosion blamed on an e-cigarette sent [dozens of armed officers to Euston station](#) fearing a bomb attack. ...

August 29, 2017  **E-cig exploded in train station, no injuries**

London station evacuated briefly after small explosion caused by e-cigarette: police

<https://www.reuters.com/article/us-britain-security-idUSKCN1B92FY>

LONDON (Reuters) - British police evacuated London's Euston station on Tuesday after a small explosion, most probably caused by an e-cigarette in a bag, prompted a lock-down and sent dozens of armed officers racing to the scene.

August 10, 2017   **E-cigarette explodes in purse, minor burns to leg**

See a purse explosion liven up mundane city council meeting

[VIDEO of explosion]

<http://www.sacbee.com/news/nation-world/national/article166445027.html>

Video shows the moment when something in a woman's purse exploded, caught fire and started smoking during a city council meeting in Boulder City, Nev., on Tuesday. Flames can be seen shooting out of the bag on her lap. The woman was sitting behind a man speaking at the podium when the explosion disrupted regular proceedings.

August 4, 2017   **Article about the odds a vaporizer will explode**

What Are The Chances Of Your Vaporizer Exploding?

<https://www.greenrushdaily.com/what-are-the-chances-of-your-vaporizer-exploding/>

If we're going by this statistic, one could argue that roughly five e-cig explosions ... so saying that all e-cigs are supremely dangerous might be a bit of hyperbole.

August 3, 2017     **Legs scarred from 2nd degree burns**

MXJO battery

E-cigarette battery explodes in Pierce County man's pocket. Now he's suing

<http://www.thenewtribune.com/news/local/article165107112.html>

The battery for the e-cigarette a Pierce County man bought to help him quit smoking exploded in his pocket and left him with second-degree burns, he alleges in a lawsuit. ...

August 3, 2017   **Study shows passive vaping is harmful and full of toxins and carcinogens**

How passive vaping could be damaging your health

<http://www.iol.co.za/lifestyle/health/how-passive-vaping-could-be-damaging-your-health-10608750>

... Non-vaping customers in pubs can be exposed to unhealthy levels of formaldehyde, which causes cancer, and acrolein, a toxin which irritates the eyes and skin. That is the finding of a study based on as few as three people an hour using the devices in a bar. ... Researchers led by Berkeley University in California found toxic chemicals released into bars exceeded their state's guideline safety levels. ...

August 2017  **Research: Thigh-deep burns**

RESEARCH: Thigh deep burns caused by electronic vaping devices (e-cigarettes): a new mechanism

[http://www.burnsjournal.com/article/S0305-4179\(17\)30098-0/fulltext](http://www.burnsjournal.com/article/S0305-4179(17)30098-0/fulltext)

Serror, K.; Chaouat, M.; De Runz, A.; Mimoun, M.; Boccara, D., "Thigh deep burns caused by electronic vaping devices (e-cigarettes): a new mechanism," *Burns* 43(5): 1133–1135, August 2017.

This letter to the editor was written in response to a study titled "Thigh Burns from Exploding E-Cigarettes Lithium-Ion Battery." The authors reported their own case study of a patient with a thigh burn resulting not from an electronic cigarette battery explosion, but from the product being turned on while the patient was under the influence and did not notice that the resistor heated and caused a thermal burn.

July 30, 2017   **E-cigarette caught fire, finger burned, house filled with toxic smoke**

Vape pen burns West Fargo man's finger after bursting into flames [VIDEO]

<http://www.valleynewslive.com/content/news/Vape-pen-burns-West-Fargo-mans-finger-after-bursting-into-flames-437570853.html>

... a West Fargo man says his vape pen exploded, something he says he never thought would happen to him. David Hitch's vape pen may be small, but it left a big mark. He had just plugged it in to charge when it started smoking. He quickly unplugged it and moved it to a different spot, and tried to move it outside once the smoke stopped. When he tried to pick it up, the device was about 400 degrees, according to Hitch, and it burned his finger. ...

July 24, 2017  **Research: health risks of e-cigarette usage**

Medical Discovery News: E-cigs may increase risk of heart disease

<http://www.reporternews.com/story/life/columnists/2017/07/24/medical-discovery-news-e-cigs-may-increase-risk-heart-disease/499693001/>

We have covered e-cigarettes previously, but more data about their safety is emerging. Most recently, new research has revealed the use of e-cigarettes may increase the risk of heart disease. ... The heartbeat pattern of e-cigarette users indicated elevated levels of adrenaline, also called epinephrine, which is a risk factor for the development of heart disease. Nicotine in e-cigarettes is known to elevate adrenaline levels, putting smokers in a constant state of fight-or-flight, which should only happen if a person is in immediate danger. ...

July 23, 2017      **2nd and 3rd degree burns, needs skin grafts**

E-cigarette warning: Man burned after battery explodes in pocket

[Video]

<http://abc13.com/news/man-burned-after-e-cigarette-battery-explodes-in-pocket/2244928/>

A Houston man is warning others about the dangers of e-cigarettes after a battery from a vape pen exploded in his pocket. The explosion left Glenn Granger with second- and third-degree burns.

July 23, 2017    **Burns to upper leg**

Shropshire man burned in vape battery explosion

<https://www.shropshirestar.com/news/local-hubs/bridgnorth/2017/07/23/shropshire-man-burnt-in-vape-battery-explosion/>

A man suffered burns after a vaping battery exploded in his pocket. The explosion is the latest to involve equipment associated with a vaping ... Back in January, a man was using the electronic cigarette in his bedroom at ...

July 14, 2017  **E-cigarette explodes in purse**

Got a light? Vaporizer battery explodes, engulfs woman's purse in flames [VIDEO]

<https://www.rt.com/viral/396392-vape-explodes-purse-minsk/>

[VIDEO of explosion]

A video captured in the Belarusian capital on Friday shows a woman walking through a subway station when the battery of an electronic cigarette in her purse violently explodes, shooting sparks and quickly transforming her bag into a fireball. ...

June 29, 2017      **Severe burns to right leg, skin grafts/surgeries, lawsuit**

Beaufort County man sues Sony after exploding e-cig battery disfigured leg

[VIDEO of explosion]

<http://www.islandpacket.com/news/local/community/beaufort-news/article158806454.html>

A Beaufort County man who said his leg is disfigured when an e-cigarette battery exploded in his pocket has filed a lawsuit against Sony, the device's manufacturer. The complaint, filed June 19 against Sony Electronics Inc. and Sony Corporation of America, alleges that a Sony model VTC5 18650 lithium-ion battery, which was being kept as a spare to power an e-cigarette, exploded in plaintiff Thomas Masters' pocket, severely burning his right thigh in August, 2016.

June 26, 2017    **Increase in pet poisonings in Britain, 113 in 2016**

More than 100 pets were poisoned by e-cigarettes in Britain last year

<http://metro.co.uk/2017/06/26/more-than-100-pets-were-poisoned-by-e-cigarettes-in-britain-last-year-6734735/>

... 'E-cigarettes and their refills contain large doses of nicotine (up to 36mg per ml). How well absorbed or how 'available' this is for oral or mucosal absorption is...

June 13, 2017  **Study: Possible link between e-cigarettes and bladder cancer**

Study Finds Link between E-Cigarette Use and Bladder Cancer

<http://www.targetedonc.com/news/study-finds-link-between-ecigarette-use-and-bladder-cancer>

Findings from a recent pilot study done at the University of Pittsburgh Medical Center showed a potential link between e-cigarette use and bladder cancer. ... "There's been a 900% increase in e-cigarettes and vaping in kids, that ... thing, or at least we don't know the full safety profile of electronic cigarettes and vaping. ...

June 13, 2017   **E-cigarette caught fire in purse, blew up once outside, fingers burned**
Dundee woman saw smoke pouring out of handbag after e-cig lighter 'explodes'

<https://www.eveningtelegraph.co.uk/fp/dundee-woman-saw-smoke-pouring-handbag-e-cig-lighter-explodes/>

... Laura said when she emptied her handbag an e-cigarette lighter fell out, adding: "The smoke was pouring out of the lighter and it was incredibly hot. "The next thing there was a bang as it exploded — it then went on fire." ...

June 12, 2017  **Study: "e-cig have as much potential to cause DNA damage as unfiltered regular cigarettes"**
E-cigarettes may be 'no better' than regular ones

<http://economictimes.indiatimes.com/magazines/panache/e-cigarettes-may-be-no-better-than-regular-cigarettes/articleshow/59109051.cms>

Electronic cigarettes loaded with nicotine-based liquid are potentially as harmful as [tobacco](#) cigarettes when it comes to cancer causing [DNA](#) damage, new research has found. ... "From the results of our study, we can conclude that e-cigarettes have as much potential to cause DNA damage as unfiltered regular cigarettes," said the lead author of the study, Kartek Kadimisetty, from University of Connecticut. ...

June 9, 2017  **Study: Ecigarettes can stop wounds from healing**
E-cig vapour may prevent mouth ulcers from healing

<http://www.iol.co.za/lifestyle/health/e-cig-vapour-may-prevent-mouth-ulcers-from-healing-9671321>

A study found that chemicals in the devices can impair the processes that allow the body to repair itself. The findings may explain why some users can develop persistent painful mouth sores and ulcers. E-cigarettes are widely promoted as a safer replacement for tobacco. But toxicology experts in the US say they can lead to a range of health issues.

June 8, 2017   **Article about dangers, stories**
E-cigarette fire sparks more safety concerns

<http://www.wigantoday.net/news/e-cigarette-fire-sparks-more-safety-concerns-1-8585304>

...Leanne Williams posted images of the remains of an 88Vape brand device, broken apart and reduced to shrapnel by the incident. The device caused melting to the carpet and burns and ash up the wall surrounding the mains socket which it had been plugged into...

June 7, 2017    **E-cigarette chargers have caused fires on planes**
What's Behind the Increase in Lithium-Ion Battery Fires on Planes?

The FAA reports that, on average, one of these fires occurs every 10 days. Here's what passengers need to know.

<http://www.consumerreports.org/product-safety/whats-behind-the-increase-in-lithium-ion-battery-fires-on-planes/>

An alarming increase in the number of smoke and fire incidents on airlines from passengers' malfunctioning lithium-ion batteries is causing concern among safety and aviation experts as summer travel season approaches. ... Cox says that any given flight might contain hundreds of Li-ion cells in phones and laptops and that many rechargeable devices involved in these fires—such as wireless headphones and especially e-cigarettes—weren't even on the market a few years ago.

June 3, 2017     **blown out teeth, broken jaw extends to right eye socket**
Vaping can seriously damage your health! E-cigarette exploded in teenager's mouth [Warning: Graphic images]
<http://www.dailymail.co.uk/news/article-4568582/E-cigarette-exploded-teen-s-MOUTH-broke-jaw.html>

An e-cigarette exploded in a teenager's mouth breaking his jaw and blowing out his teeth after he customized the device. The 17-year-old boy made DIY modifications to his electronic cigarette to enhance his vaping experience. But his experiment backfired on him when the battery blew up while he was using it. ...

June 2, 2017   **E-cigarette fluid poisonings on the rise**
E-cigarette fluid poisonings on rise in Maritimes, says expert
<http://www.cbc.ca/news/canada/new-brunswick/nicotine-poison-e-cigarette-increase-new-brunswick-1.4141007>

The number of poisoning incidents related to the concentrated nicotine cartridges used for electronic cigarettes is increasing, according to the clinical leader of a poison control centre in the Maritimes. ... They all tasted drops from the fluid, which is used for electronic vaping of ... Health Canada doesn't regulate the labelling of vape products, but the sale of the ...

May 30, 2017    **9 year old poisoned, sent to hospital**
9-year-old sent to hospital after drinking 'Unicorn Milk' e-cigarette fluid
<http://www.cbc.ca/news/canada/new-brunswick/unicorn-milk-vapour-e-cigarettes-1.4137455>

A nine-year-old girl in Fredericton was taken to hospital Monday after drinking an e-cigarette fluid called Unicorn Milk she found on her school's playground. The Grade 5 student at École des Bâtisseurs and her friends all tasted drops from a vial of the concentrated nicotine, which is used for electronic vaping of cigarettes, said her mother, Lea L'Hoir.

May 26, 2017  **Study: E-cigarettes and lung damage**
Australian Study Shows E-Cigarettes Cause Lung Damage
<https://www.gizmodo.com.au/2017/05/australian-study-shows-e-cigarettes-cause-lung-damage/>

A recent study has shown that electronic cigarettes can cause lung damage and are definitely not a harmless alternative to cigarettes. In the first long-term study of its kind, researchers at Telethon Kids Institute compared the lung health of mice exposed to mainstream tobacco smoke with those exposed to aerosols from four different types of e-juices (the liquid in the e-cigarette) over an eight week period. Results of the study, which was funded by the WA Health Department and included collaborators at Curtin University, showed that while the respiratory effects were different to those experienced when exposed to traditional cigarette smoke, some e-cigarettes could still result in significant lung damage. ...

May 25, 2017  **Study: E-cig vapor is more harmful to children than most people think**
Many Adults Don't Think Exposure to Vaping Is Bad For Kids
<http://kazu.org/post/many-adults-dont-think-exposure-vaping-bad-kids#stream/0>

Despite the toxic ingredients commonly found in e-cigarettes and other vaping products, many adults don't think secondhand e-cigarette aerosol poses a risk to children, according to a report published Thursday by the Centers for Disease Control and Prevention. About one-third of adults surveyed didn't know if secondhand aerosol caused harm to children, and 40 percent of the adults said this kind of exposure caused "little" or "some" harm to children.

May 21, 2017  **Short-term health risks of e-cigarette use**
Don't assume e-cigarettes are healthy, medical experts warn
http://tucson.com/news/local/don-t-assume-e-cigarettes-are-healthy-medical-experts-warn/article_36f8215c-48e7-5097-a06e-6f47c5d69018.html

... The long-term health effects remain unclear, but there are already established short-term health risks of e-cigarette use, including throat and mouth irritation, coughing and nausea. And the chemicals in the "e-juice" often used in e-cigarettes can cause respiratory irritation, eye irritation, and problems with the central nervous system. ...

May 17, 2017     **Burns to face and eyes, cut on nose, house caught fire**
E-cigarette explodes in vaper's face in Manchester
<http://www.app.com/story/news/local/emergencies/2017/05/17/manchester-pd-e-cig-explodes-vapers-face/327207001/>

MANCHESTER - An electronic cigarette blew up in a 21-year-old man's face and set a bedroom on fire Tuesday evening, police said. The two people inside the house made it out safely, police said, but one had suffered burns to his face and eyes and a cut to his nose when the vaporizer detonated.

May 16, 2017  **Article: Too little known about e-cigarettes**

Hold off on vaping — too little is known to consider it safe

Colorado's chief medical officer advises against using e-cigarettes until more is known about their ingredients

<http://www.denverpost.com/2017/05/16/hold-off-on-vaping-too-little-is-known-to-consider-it-safe/>

The use of e-cigarettes — or vaping — is skyrocketing in Colorado despite a lack of public information about the ingredients in these products or their effect on people's health. With so little evidence available, consumers should hold off vaping until more is known. ...

May 16, 2017  **E-cig exploded while driving, burns to hand, 3rd degree burns to thigh**
IT worker, 32, shows horror injuries after her e-cig battery exploded in her pocket while she was driving at 70mph
<https://www.thesun.co.uk/news/3571300/injuries-e-cig-battery-exploded-in-pocket-driving-at-70mph/>

Ellie Petty, was on her way home from work when the device blew up in her pocket – setting her clothes alight. The 32-year-old of Salisbury, Wilts was forced to use her hands to put out the flames – leaving her with serious burn injuries to them and her thigh. ...

May 15, 2017  **Study: e-cigarettes may increase risk of cancer**

New Study Says E-Cigarettes May Increase Your Risk of Cancer

<http://www.shape.com/lifestyle/mind-and-body/vaping-cancer-risk-bad-for-you>

... Crying, " [second-hand smoke!!!](#)" is understandable when it comes to traditional cigs—but the e-cig (or "vaping") code of conduct isn't yet set in stone. Because these techie smoking tools are fairly new, there's still a lot we don't know about the health risks, but the common thought is that they're at least less horrible for you than regular cigarettes (and smell better, for the most part). (Here are the [e-cigarette health basics you really need to know](#).) But the latest scientific research demonstrates some real risks. E-cigarettes may be linked to a higher bladder cancer risk, according to two new studies presented today at the 112th Annual Scientific Meeting of the American Urological Association (AUA). ...

May 11, 2017  **Study: E-cigarette liquids impair cell function**

Flavored E-cigarette Liquids and Cinnamaldehyde Impair Respiratory Innate Immune Cell Function

Clapp, P.W.; Pawlak, E.A.; Lackey, J.T.; Keating, J.E.; Reeber, S.L.; Glish, G.L.; Jaspers, I., "[Flavored e-cigarette liquids and cinnamaldehyde impair respiratory innate immune cell function](#)," *American Journal of Physiology Lung Cellular Molecular Physiology* [Epub ahead of print],

May 11, 2017  **House catches fire from unattended e-cig charger, no injuries**

Hythe: Unattended e-cigarette charger sparks blaze in Bartholomew ...

<http://www.kentonline.co.uk/hythe/news/e-cigarette-charger-sparks-bedroom-blaze-125472/>

An e-cigarette charger sparked the blaze. Stock pic. Firefighters urged others to take extra care when charging e-cigarettes. They advised: Only use the charger ...

April 27, 2017  **Study: increase in emergency room visits because of exploding e-cigs**

UA trauma surgeon seeing rise in burns from electronic cigarettes

https://www.eurekalert.org/pub_releases/2017-04/uoa-uts042717.php

Dr. Gary Verbrugge and his colleagues noticed something strange going on in their emergency room about a year-and-a-half ago. It all started when a 58-year-old man with severe burns to his left thigh arrived at Banner - University Medical Center Tucson for treatment. ...

April 25, 2017  **Research: wounds that won't heal, smoker's cough in teens**

Concerns explode over new health risks of vaping

Researchers link e-cigs to wounds that won't heal and 'smoker's cough' in teens

<https://www.sciencenewsforstudents.org/article/concerns-explode-over-new-health-risks-vaping>

When Irfan Rahman talked to young vapers, some complained of bleeding mouths and throats. And these bloody sores seemed slow to heal. Such reports concerned this toxicologist at the University of Rochester in New York. So he decided to investigate what the vapors inhaled from electronic cigarettes might be doing to mouth cells.

April 24, 2017     **Hole in wall, bubble burns to back, acid burns, meeting with plastic surgeon**
Lad horrifically 'burned after e-cig EXPLODES like GRENADE and blows hole in wall'

<http://www.dailystar.co.uk/news/latest-news/608364/electronic-cigarette-exploding-grenade-burns-injury-plastic-surgery>

Ian Culbertson of Hull, East Yorkshire- ... The 25-year-old had noticed his leg had become hot and the battery mixed with the vaping liquid had covered his back in the volcanic substance. He then launched the smoking device on his sofa before shielding his pregnant partner as the e-cig caused a scatter blast. ...

April 18, 2017   **Vape pen explodes in dog's mouth, no injuries**
Puppy panic: Vape pen explodes after dog mistakes it for a chew toy

[VIDEO of explosion]

<http://www.fox10phoenix.com/news/arizona-news/249404558-story>

A tough lesson for a dog: vape pens are not chew toys. This pup found out the hard way when the vape pen exploded and it was all caught on a home's surveillance camera video. ... The cause? Blocki's dog, Piper, got a hold of her boyfriend's vape pen. "Came over here to her bed, she was just chewing on it and using it as a chew toy because she doesn't have enough already."

April 17, 2017     **2nd and 3rd degree burns to leg and hand**
E-cigarette battery explodes in Las Vegas man's pocket at Walmart

[VIDEO]

<http://www.ktnv.com/news/e-cigarette-battery-explodes-in-las-vegas-mans-pocket>

A Las Vegas man is recovering from second and third degree burns caused by the explosion of an e-cigarette battery. Matthew Beard was walking through Walmart near Fort Apache Road and Tropicana Avenue on Sunday when he heard a strange noise. ...

April 17, 2017      **severe 3rd degree burns to most of right leg, hole in upper right thigh**
Former Navy SEAL files suit over horrific burns allegedly caused by exploding e-cigarette

<http://www.chron.com/news/houston-texas/texas/article/Former-Navy-SEAL-files-suit-over-horrific-burns-11078179.php>

A former U.S. Navy SEAL who suffered severe burns when an e-cigarette battery exploded in his pants pocket has filed suit against the manufacturer and seller. Matthew Bonestele, of the Dallas-area town of Midlothian, filed the suit in July 2016 in Travis County against retailer Great Vapes, distributor Lightfire Group and manufacturer LG Chem America, Inc. He is represented by Randy Sorrels of the Houston law firm Abraham, Watkins, Nichols, Sorrels, Agosto & Aziz. ...

April 14, 2017   **Increase in exploding e-cigarettes prompts indefinite ban**
Navy tells sailors to stop vaping at sea - Indefinite ban until further notice

<http://www.theverge.com/2017/4/14/15302316/us-navy-bans-vaping-all-ships-aircrafts-boats-submarines>

The Navy is [banning all electronic cigarettes and vaping devices](#) from its aircraft, ships, boats, and submarines after a string of incidents caused physical injuries to sailors. The Naval Safety Center reports that at least 15 "mishaps" occurred between October 2015 and June 2016, which resulted in sailors' first- and second-degree burns and facial disfiguration from e-cigarette battery explosions...

April 12, 2017   **Law firm specializes in cases involving e-cigarette explosions/injuries**
VAPE EXPLOSION LAWYER

<http://www.pritzkerlaw.com/explosion-lawyer/vape-explosion-lawyer/>

If you were seriously burned by an exploding e-cigarette (also, personal vaporizer or “vape”), you may have a claim against the manufacturers of the vape device and battery, and possibly others. This means you can sue for money damages...

April 12, 2017  **3rd degree burns, massive deep burn in thigh requiring skin grafts**

One Year Later E-Cigarette Victim Still Treating Burns

<http://www.natlawreview.com/article/one-year-later-e-cigarette-victim-still-treating-burns>

[According to a recent news article](#), Scott Becker spent 12 days in a burn center after his e-cigarette exploded a year ago and still requires daily treatment for his injuries. Becker was quoted as saying, “These things are dangerous. If I’d known...I could have saved myself a tremendous amount of anguish.” E-cigarette explosions not only cause devastating thermal burns, but also chemical burns from the lithium batteries. The chemicals sometimes damage multiple layers of the skin because they continue to “burn” long after skin exposure. Becker suffered third degree burns including a massive deep burn in his thigh requiring skin grafts. ...

April 12, 2017  **badly burned, barely able to move, recovery could take weeks/months**

Naples man injured by possible e-cig explosion

[VIDEO]

<http://www.nbc-2.com/story/35136344/naples-man-injured-by-possible-e-cig-explosion>

A Naples man was hospitalized in Nevada after he was badly burned. Authorities believe an e-cigarette may be to blame. ... Scott Hildreth and his wife were minutes away from boarding when an explosion went off in his pocket. It torched his hand and leg. ... In a press release, authorities said they think the battery of "a vaping device" started the fire. The airport said an investigation is happening now. ...

April 12, 2017  **woman run over by her truck after e-cig blew up in lap, both hips broken, 2nd degree burns**

EXPERT: Mishandling electronic cigarettes makes them more prone to explosions

[VIDEO]

<http://www.abc15.com/news/region-southeast-valley/tempe/mishandling-electronic-cigarettes-makes-them-more-prone-to-explosions-vape-store-manager-says>

TEMPE, AZ - A woman suffered second-degree burns to her legs and multiple broken bones after her electronic cigarette exploded. The incident happened ... The 20-year-old woman told police she was backing out of a driveway when her [e-cigarette exploded in her lap](#) igniting a fire. She jumped out of her truck to put out the flames but her truck jumped a curb and hit a tree. ...

April 4, 2017  **E-cigarette explodes in man’s hand**

E-Cig Explosion in Cumberland County Courthouse

[VIDEO of explosion]

<http://www.tobaccoventionandcontrol.ncdhhs.gov/ecigs/EcigExplosionFacesBlurred.mp4>

Footage from September 2016

April 4, 2017  **severe burns to face and chest, exploded while in use**

15 Year Old Boy Hospitalized After E-Cigarette Explodes while in use

<http://dfw.cbslocal.com/2017/04/04/15-year-old-boy-hospitalized-after-e-cigarette-explodes/>

DALLAS (KRLD) – A Tarrant County teenager is recovering in the hospital after an e-cigarette blew up in his face.

The 15-year-old suffered severe burns to his face and chest after the e-cigarette exploded as he used it. Tarrant County sheriffs responded to the 9-1-1 call from Fossil Creek Estates on Round Hill Road around 5 yesterday evening.

April 2, 2017  **Article**

E-cigarette users getting burned by exploding batteries

<http://www.freep.com/story/news/local/michigan/2017/04/02/vaping-explosions-ecigarettes-battery/99686178/>

Some victims need skin grafts after suffering 3rd-degree burn when vaping pen's lithium ion batteries explode.

... Injuries like Becker's are becoming more common, said Karla Klas, managing director for injury prevention and community outreach at the Trauma Burn Center at the University of Michigan in Ann Arbor.

The batteries can explode with enough force to knock out teeth and crack vertebrae if they fail in the mouth of the user.

March 31, 2017  **Research – amount of Aldehydes found in aerosols of e-cigarettes**

Aldehyde Detection in Electronic Cigarette Aerosols

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5377270/>

Acetaldehyde, acrolein, and formaldehyde are the principal toxic aldehydes present in cigarette smoke and contribute to the risk of cardiovascular disease and noncancerous pulmonary disease. The rapid growth of the use of electronic cigarettes (e-cigarettes) has raised concerns over emissions of these harmful aldehydes. This work determines emissions of these aldehydes in both free and bound (aldehyde–hemiacetal) forms and other carbonyls from the use of e-cigarettes.

March 30, 2017  **Research: E-cig use increases heart attacks**

GLANTZ: First evidence that e-cig use increases heart attacks, independent of the effect of smoking cigarettes

<https://tobacco.ucsf.edu/first-evidence-e-cig-use-increases-heart-attacks-independent-effect-smoking-cigarettes>

Center for Tobacco Control Research and Education (UCSF) - Using the National Health Interview Survey (NIHS), a large national survey done in the US, Nardos Temesgen and colleagues at George Washington University, found that the odds of a heart attack increased by 42% among people who used e-cigarettes. This increase in risk was on top of the increases in risk due to any smoking that the e-cigarette users were doing.

March 27, 2017  **Curtains caught fire, smoke damage in house, ecigarette was charging**

Warning after woman's e-cigarette charger sets fire to curtains in house blaze

http://www.bournemouthcho.co.uk/news/15183263.Warning_after_woman_39_s_e_cigarette_charger_sets_fire_to_curtains_in_house_blaze/?ref=rss

... severe smoke damage after she went out, leaving her vape on charge in her lounge. It is the latest in a series of reported fires and explosions involving vaping ...

March 21, 2017  **Study about the effects of aerosolized nicotine via e-cigarette use**

Where There's No Smoke, There's Fire and Danger: The E-Cigarette Story

<https://www.medicalnewsbulletin.com/theres-no-smoke-theres-fire-danger-e-cigarette-story/>

Whether e-cigarettes are less harmful than traditional tobacco was investigated by examining heart rate variability in habitual users of e-cigarettes. A significant effect on cardiovascular function was observed through decreased vagal activity and increased oxidized LDL-cholesterol levels in e-cigarette users.

March 17, 2017  **Extensive burns on lower extremity, legs severely charred**

Man sues after e-cig explodes in pocket, shooting flames down pants

http://www.nj.com/middlesex/index.ssf/2017/03/nj_man_sues_after_e-cig_explodes_in_pocket_shootin.html

A Monmouth County couple is suing vaping business over an e-cigarette that exploded in the man's pants and allegedly changed his life, according to court documents. The lawsuit, filed by William and Kathleen Barrese in Middlesex County Superior Court on March 6, claims the incident last year left William emotionally scarred for life and his leg severely charred.

March 17, 2017  **E-cigarette caught fire in luggage as it was getting checked**

E-cigarette catches fire inside passenger bag at Bradley Airport [VIDEO]

<http://wtmh.com/2017/03/16/e-cigarette-catches-fire-inside-passenger-bag-at-bradley-airport/>

... Thursday morning, an e-cigarette exploded in a bag while a passenger was getting ready to check in on Delta Airlines flight at Bradley International Airport. Security had to use a fire extinguisher on it. ... A witness behind the counter says the bag caught fire in line as people were checking in, somebody grabbed it and brought it right outside an hit it with a fire extinguisher and that was the end of it. However, that leads to a bigger concern – it's not on the travel advisory ban list. E-cigarettes are allowed on the planes. So should they be allowed? What will happen next? It will be up to the airlines themselves and the FAA. ...

Mar 11, 2017  **Fire caused by e-cigarette left in toolbox, no injuries**

Vaping cigarette left in tool box causes fire in Devon

<http://www.devonlive.com/vaping-cigarette-left-in-tool-box-causes-fire-in-devon/story-30197512-detail/story.html>

Firefighters were called to tackle a commercial building fire in Paignton last night caused by a vapour smoking e-cigarette. ...

March 9, 2017  **Study: short-term exposure to nicotine, ultrafine particles...**

Measuring PM2.5, Ultrafine Particles, Nicotine Air and Wipe Samples Following the Use of Electronic Cigarettes

Melstrom, P.; Koszowski, B.; Hill Thanner, M.; Hoh, E.; King, B.; Bunnell, R.; McAfee, T., "[Measuring PM2.5, ultrafine particles, air nicotine and wipe samples following the use of electronic cigarettes](#)," *Nicotine and Tobacco Research* [Epub ahead of print], Conclusions: Short-term e-cigarette use can produce: elevated PM2.5; elevated UF; nicotine in the air; and accumulation of nicotine on surfaces and clothing. Implications: • Short-term indoor e-cigarette use produced accumulation of nicotine on surfaces and clothing, which could lead to dermal exposure to nicotine. • Short-term e-cigarette use produced elevated PM2.5 and ultrafine particles, which could lead to secondhand inhalation of these particles and any chemicals associated with them by bystanders. • We measured significant differences in PM2.5 and ultrafine particles between disposable e-cigarettes and tank-style e-cigarettes, suggesting a difference in the exposure profiles of e-cigarette products.

March 9, 2017  **Study**

Vapors Of High-Powered E-Cigarettes May Cause Cancer

<http://www.sciencetimes.com/articles/10054/20170309/vapors-of-high-powered-e-cigarettes-may-cause-cancer.htm>

People might have to stop powering their e-cigarettes to the highest level as scientists have found out that its vapors can cause cancer. There are significant levels of cancer-causing benzene in the vapors of those e-cigarettes in the highest power, stated Portland State University scientists. The result of the study was published on March 8 in the online journal "PLOS ONE". The chemistry professor James F. Pankow led the research team, reported [EurekAlert](#). ...

March 9, 2017   **Explosion during trial, no injuries**

Lawyer's Pants Catch Fire During Florida Arson Trial

<http://www.nbcnews.com/news/us-news/lawyer-s-pants-catch-fire-during-florida-arson-trial-n731161>

... Gutierrez, 28, was in the in the Miami-Dade county courtroom defending 49-year-old Claudy Charles, who was accused of setting his car alight, when the lawyer began playing with an item in his pocket, according to the [Miami Herald](#). As Gutierrez argued Charles' car had merely spontaneously combusted, the lawyer's pants seemed to do the same. ... Gutierrez returned unharmed to the courtroom moments later and said a faulty E-cigarette battery was to blame. ...

March 6, 2017     **Kid 2nd/3rd degree burns, battery was stuck to thigh, needs skin graft, kids were nearby**
AL man recovering after e-cigarette explodes in pocket

<http://www.wsfa.com/story/34679211/al-man-recovering-after-e-cigarette-explodes-in-pocket>

An Alabama man who recently switched from regular cigarettes to e-cigarettes found himself suffering serious injuries over the weekend when the device exploded in his pocket "like a grenade". Jason Kromer, 33, gave up cigarettes six months ago for an alternative. He said he hadn't had any problems with his e-cigarette until the weekend. He was about to sit down to eat breakfast at a friend's house Saturday morning when suddenly, he found his leg covered in flames.

March 3, 2017  **Research: cardiovascular risk factors**

E-cigarettes linked to increased cardiovascular risk factors

<http://www.pharmaceutical-journal.com/news-and-analysis/research-briefing/e-cigarettes-linked-to-increased-cardiovascular-risk-factors/20202404.article>

University of California researchers found that e-cigarette users were more likely to show increased cardiac sympathetic activity and higher levels of oxidative stress. ... To explore if e-cigarettes might have similar cardiovascular effects to tobacco cigarettes, a team of researchers from the University of California in Los Angeles studied 23 people who had used e-cigarettes most days for a minimum of one year and compared them with 19 people who were neither e-cigarette nor tobacco users. The team found that e-cigarette users were significantly more likely to show increased cardiac sympathetic activity and had higher levels of systemic oxidative stress, both of which are known mechanisms by which tobacco smoking increases cardiovascular risk. ...

March 2, 2017     **2nd/3rd degree burns to arm/leg, explosion caused car alarms to go off, iJoy Looks brand**
E-Cigarette EXPLODES In Dad's Pocket And Leaves Him With Severe Second Degree Burns

<http://swns.com/news/e-cigarette-explodes-in-dads-pocket-and-leaves-him-with-severe-second-degree-burns-82726/>

A man has vowed to never use an E-cig again after one exploded "like a flare" in his pocket – leaving him with severe burns. Michael Hardy, 36, says the acid burn injuries he received from his exploding iJoy Looks E-cigarette are even more

painful than breaking his back. Father-of-one Michael claims the explosion from the £200 device was so ferocious that it set off car alarms as it fizzed and sparked for an entire minute. ...

March 2, 2017    **Burns to leg and abdomen, spare battery in pocket at the time**
NB man receives painful burns after e-cigarette battery explodes in jacket pocket [VIDEO]

<http://globalnews.ca/news/3283937/nb-man-receives-painful-burns-after-e-cigarette-battery-explodes-in-pocket/>

A Riverview, N.B. man is speaking out about the risks of careless vaping after he was severely burned by a spare e-cigarette battery that exploded in his pocket. ...

February 27, 2017    **1st and 2nd degree burns on hands, needed skin graft to treat 3rd degree burn on thigh**
Caught on cam: E-cigarette battery explodes in man's pocket [VIDEO of explosion]

<http://www.ctvnews.ca/health/caught-on-cam-e-cigarette-battery-explodes-in-man-s-pocket-1.3303092>

A Calgary man felt sparks and plenty of heat on a Friday night date with his wife after a spare battery for his e-cigarette erupted inside his pants as they stood in front of their favourite restaurant. Security video from a popular surf and turf joint captured the dramatic explosion. The heat was so intense that Terrence Johnson will require a skin graft to treat the third-degree burn on his thigh. He also suffered first- and second-degree burns on his hands while frantically trying to pat out the flames.

February 26, 2017   **E-cigarette burned entire room, no injuries**
Home is left gutted by an exploding e-cigarette which burst into flames as it was being charged

<http://www.dailymail.co.uk/news/article-4260930/Home-left-gutted-exploding-e-cigarette.html>

An e-cigarette exploded and burst into flames - gutting an entire bedroom. Eight firefighters were sent to tackle the blaze at 1:40pm in the two-storey semi-detached house in Oldbury, West Midlands. Nobody was injured in the incident, which charred the room's wooden furniture and dangerously melted an extension cable...

February 24, 2017   **Flat caught fire while e-cigarette charged.**
Crews believe Acton flat fire caused by charging e-cigarette

<http://www.getwestlondon.co.uk/news/west-london-news/crews-believe-acton-flat-fire-12650101>

A fire in a flat in Acton was caused by an electronic cigarette left on charge, the London Fire Brigade (LFB) believe. "As with all rechargeable electrical equipment, it's vitally important that people use the correct type of charger for their e-cigs to prevent fires which can be serious ...

February 23, 2017  **Research: risk of stroke**
E-cigs could raise the risk of suffering a stroke more than smoking

<http://www.mirror.co.uk/science/e-cigs-could-raise-risk-9906545>

E-cigs may raise the risk of suffering a [stroke](#) more than [smoking](#), according to new research. Tests showed regular [vaping](#) reduced the amount of glucose in the brain, a fuel necessary to boost neurons. The vapours also caused damage to a chemical vital for clotting, making a devastating brain haemorrhage more likely. ...

February 17, 2017  **Study: toxic metals in e-cigarette liquids**
Johns Hopkins study finds toxic metals in e-cigarette liquids

<http://hub.jhu.edu/2017/02/17/e-cigarettes-contain-toxic-metals/>

The [liquid inside e-cigarettes contains high levels of toxic metals](#), a new study led by researchers at the Johns Hopkins [Bloomberg School of Public Health](#) has found. In an examination of five e-cigarette brands' first-generation devices, researchers found varying levels of cadmium, chromium, lead, manganese, and nickel in the liquid component that, when heated, delivers ingredients such as nicotine and flavors to the user.

February 15, 2017  **Study explains e-cigs are not harmless and teen use on rise**
Revisiting E-Cigarettes: Safe or Harmful?

<https://www.yahoo.com/news/revisiting-e-cigarettes-safe-harmful-152341391.html>

Is vaping the lesser of two evils compared to smoking or just a newer, shinier health threat? To some public health experts who've seen adult smokers hooked on tobacco despite its death toll from [cancer](#) and heart disease, e-cigarettes have the potential to reduce harm by [helping them quit](#). But others who see [kids pick up vaping](#) and potentially developing nicotine habits are less hopeful and more concerned. ... However, less harmful doesn't mean harmless. "

February 14, 2017  **Study: e-cigarettes produce 15 compounds/chemicals**

PSU Study Finds Vaping Generates 15 Chemicals

<http://kuow.org/post/psu-study-finds-vaping-generates-15-chemicals>

A new Portland State University study finds that e-cigarettes produce 15 compounds — even when their liquid doesn't contain nicotine or flavorings. It's the largest number of compounds reported so far. Chemistry professor David Peyton and his team found that when heated, e-cigarette liquid generates chemicals like dihydroxyacetone and formic acid. "Some of them are just fine. Some of them are more problematic," he said. Peyton said smoking tobacco generates a lot more chemicals. "From regular cigarettes there are thousands of compounds produced. Here we're talking about a handful of compounds. So it's relatively less," he said. ...

February 10, 2017  **E-cigarette over headed and caught fire, no injuries**

'Lucky' escaped after e-cig 'explodes' yards from eight-week-old baby

<http://www.blackpoolgazette.co.uk/news/lucky-escape-after-e-cig-explodes-yards-from-seven-week-old-baby-1-8382714>

A dad has told of the moment his e-cigarette exploded yards away from his seven-week-old son — seconds after he had wrapped it in a dressing gown. ... "I leaned out of bed and lifted the plug and e-cig up to my nose, and the smell was definitely coming from that," he said. "It was red hot." Steve said he unplugged the device and carried it around the other side of the bed before wrapping it up in a £70 dressing gown given to him for his birthday. He added: "The next minute, there was an almighty bang and it set on fire. I dropped it on the floor." ...

February 8, 2017   **Story of increase in explosions/injuries**

Colorado sees alarming spike in e-cigarette explosions

[VIDEO]

<http://www.thedenverchannel.com/news/investigations/denver7-investigates-uncovers-an-alarming-increase-in-e-cigarette-explosions-in-colorado>

... Over the past several weeks, Denver7 Investigates has compiled what we believe to be the most extensive and comprehensive list of e-cigarette explosions in the country. We've reviewed information from public records, court filings, internet reports and fire response records. In Colorado alone last year, there were 16 cases at the UCHealth burn center, seven at Swedish Medical Center, two at Denver International Airport, two in Telluride, three in Colorado Springs and one in Greeley...

February 8, 2017  **Study: E-cigs can contain high levels of toxic and potentially cancer-causing metals**

Toxic Metals Found in E-Cigarette Liquid

<https://consumer.healthday.com/cancer-information-5/electronic-cigarettes-970/toxic-metals-found-in-e-cigarette-liquid-719461.html>

Electronic cigarette liquids can contain high levels of toxic and potentially cancer-causing metals, a new study suggests. "We do not know if these levels are dangerous, but their presence is troubling and could mean that the metals end up in the aerosol that e-cigarette users inhale," said study leader Ana Maria Rule, of Johns Hopkins Bloomberg School of Public Health in Baltimore.

January 26, 2017    **Partial 3rd degree burns, exploded in console of car**

Idaho Falls woman says vape battery left her with partial third degree burns

[VIDEO]

<http://www.localnews8.com/health/idaho-falls-woman-says-vape-battery-left-her-with-partial-third-degree-burns/293516725>

IDAHO FALLS, Idaho - (KIFI/KIDK) You may have heard about Andrew Hall, the man in Pocatello who was rushed to the hospital after his vape equipment exploded in his face. Now Kyle Barker, a woman in Idaho Falls, said she is dealing with partial third degree burns after her vaping battery exploded. ...

January 25, 2017  **Story of rise of e-cigarette explosion injuries**

Huff, puff and explode: E-cigarette injuries on rise

<http://www.iol.co.za/lifestyle/health/body/huff-puff-and-explode-e-cigarette-injuries-on-rise-7186275>

Katrina Williams wanted a safer alternative to smoking, and e-cigarettes seemed to be the answer until the day one exploded in her pocket as she drove home from a beauty salon. ... The numbers kept by the FDA may be an undercount. One hospital, the UW Medicine Regional Burn Center at Harborview Medical Center in Seattle, says it has seen about 23 patients with e-cigarette burns since it started tracking them informally in October 2015. ...

January 18, 2017  **Reminder of e-cigarette danger after two explosions**

E-cigarette explosions prompt reminder from Lyndhurst officials

<http://www.northjersey.com/story/news/bergen/lyndhurst/2017/01/18/e-cigarette-explosions-prompt-reminder-lyndhurst-officials/96689642/>

LYNDHURST – Two explosions in just under three weeks have prompted fire officials to remind e-cigarette users to use only proper adapters when charging their devices. In two unrelated incidents, on Dec. 31 and Jan. 13, the Lyndhurst Fire Department responded to homes where electronic smoking devices, or e-cigarettes, exploded while being charged. ...

January 17, 2017     **Lost at least 7 teeth, 2nd degree burns to face and neck, pulling chunks of plastic, teeth and foreign objects from mouth, throat and lips**

Idaho father, 30, loses seven teeth and is left with second degree burns after vape explodes in his face

<http://www.dailymail.co.uk/news/article-4125240/Idaho-man-loses-teeth-vape-explodes-face.html>

An Idaho father lost seven teeth and was left with second degree burns to his cheek after his vape pen exploded in his face. Andrew Hall was getting ready for work at home in Pocatello, Idaho, when he said the device exploded without warning. It shattered into pieces in his mouth, knocking out his teeth and burning his face and neck along with smoke marks to the wall of his bathroom, where he was at the time.

January 10, 2017  **Studies about oral health, e-cigs damaging to gums**

Vaping and oral health

<http://newsok.com/article/5533365>

... Now, as for vaping, there are two new studies that show how damaging e-cigarettes can be to oral tissue. Canadian researchers did a lab study that looked at ...

January 9, 2017    **taken to hospital, received 12 stitches**

Terrifying CCTV shows an e-cigarette EXPLODE in an office worker's face

[Footage of explosion]

<http://www.dailymail.co.uk/news/article-4101228/Terrifying-CCTV-shows-e-cigarette-explode-office-worker-s-face-goes-puff.html>

An office worker only just escaped serious injury when an electronic cigarette exploded in his face as he went to take a puff. ... And those figures could be an undercount - just one hospital, Seattle's Harborview Medical Center in Seattle, says it has seen about 23 patients with e-cigarette burns since it started tracking them informally in October 2015. ...

January 9, 2017  **Warning from Health Department**

Health Department warns of e-cigarette battery explosions

[VIDEO]

<http://www.wsaw.com/content/news/Health-Department-warns-of-e-cigarette-battery-explosions-410040615.html>

With popular fruity flavors, e-cigarettes have been gaining popularity across the United States, and federal organizations are playing catch-up with regulations. Since 2009, there have been 134 reports of e-cigarettes exploding, sparking and overheating according to the Food and Drug Administration. ...

January 6, 2017  **Study: All tested flavors proved to be toxic to cells**

E-cigarette Flavors Pose Unknown Harm Risk

<http://www.chem.info/news/2017/01/e-cigarette-flavors-pose-unknown-harm-risk>

Electronic cigarette users are more at risk of lung damage if they use flavourings such as menthol and butterscotch, according to a new study by scientists at the University of Salford. Scientists say that 'vaping' flavours contain toxins, including harmful substances that are not inhaled by users of standard tobacco cigarettes. ...

January 5, 2017  **Story: Dangers of exploding batteries, injuries**

Exploding E-Cigarette Batteries

<http://atlanticcity.legalexaminer.com/uncategorized/exploding-e-cigarette-batteries/>

The U.S. Food and Drug Administration is probing the dangers of exploding batteries in e-cigarettes, following dozens of reports of devices that have combusted, overheated or caught fire. The agency announced a two-day public meeting for April. The Associated Press reported last month that 66 explosions were identified by the FDA in 2015 and early 2016. ... The most common injuries suffered by vapers are lung-related but e-cigarettes are exploding with greater and greater frequency and many vapers have suffered burns, scars, and even amputated fingers. ...

January 5, 2017   **6-yr old accidentally given e-juice instead of children's pain reliever, severe nicotine poisoning**

Child Swallows E-Cig Liquid After Medication Mix-Up

<http://www.livescience.com/57402-e-cigarette-liquid-nicotine-poisoning.html>

A 6-year-old girl in Oregon experienced severe [nicotine poisoning](#) after her parents accidentally gave her liquid nicotine meant for electronic cigarettes instead of a children's liquid pain reliever, according to a new report of the girl's case. The child survived, but nicotine poisoning can be fatal, and the researchers warned that such cases could become more common as [e-cigarettes rise in popularity](#). ...

January 4, 2017 **FDA Workshop about exploding e-cigs**

FDA workshop to examine exploding e-cigarettes

<http://www.cnn.com/2017/01/04/health/e-cigarette-battery-fda-workshop/>

(CNN) From 2009 to January 2016, the Food and Drug Administration identified 134 US incidents of e-cigarette batteries overheating, catching on fire or exploding. In April, the FDA will host [a public workshop to "gather information and stimulate discussion"](#) about e-cigarette battery safety concerns.

January 4, 2017  **no injuries, \$5,000 damage to motel room**

Man escapes Santa Rosa motel fire sparked by e-cigarette

<http://kron4.com/2017/01/04/man-escapes-santa-rosa-motel-fire-sparked-by-e-cigarette/>

SANTA ROSA (KRON)—A man was able to escape a motel room fire started by an e-cigarette by leaving out of a bathroom window in Santa Rosa Wednesday morning, according to a battalion fire chief. The e-cigarette had been taken apart and was not plugged in, Sebastiani said.

January 3, 2017  **Warning: increase in injury/lawsuits**

Many Injured By Exploding E-Cigarette Batteries, Lawyer Says

<http://health.wusf.usf.edu/post/many-injured-exploding-e-cigarette-batteries-lawyer-says#stream/0>

... Because users can control the amount of nicotine they're inhaling, the devices are helping some cigarette smokers kick the habit. But the batteries in these gadgets have been known to explode, resulting in broken bones, serious burns and lawsuits, even here in Florida. [Orlando lawyer Mike Morgan](#) has filed a number of lawsuits, including a couple on behalf of Florida residents who claim their electronic cigarettes caught fire or exploded. ...

2016

Dec 29, 2016     **2nd/3rd degree burns on leg/hands, no metal objects in pocket at time, spent week in Burn ICU**

Denver man has warning for others after e-cigarette battery explodes in pocket

[VIDEO]

<http://www.thedenverchannel.com/news/local-news/exclusive-denver-man-has-warning-for-others-after-e-cigarette-battery-explodes-in-pocket>

It's been a very long week for Gregory Ingram and his family. Ingram has spent a week at the Burn Intensive Care Unit at University of Colorado Hospital and a week away from his two young children following Christmas. ... Ingram said as he was going to work on Dec. 26 when the battery of his e-cigarette blew up in his pocket without any warning. Unlike many reported e-cigarette battery explosions, there wasn't anything else in the pocket with the battery at the time of the accident, said Ingram...

December 22, 2016  **3rd degree burns on right hand and thigh, riding bus**

E-cigarette explosion on bus leaves man with third-degree burns

[Footage of explosion]

<http://www.aol.com/article/news/2016/12/22/e-cigarette-explosion-on-bus-leaves-man-with-third-degree-burns/21633284/>

Terrifying moments were caught on video after an electronic cigarette exploded in a California man's pocket on Wednesday while he was riding on a Fresno area bus. The 53-year-old man is seen putting the device into his pocket. But soon after, it sparks and then violently explodes causing quite the unexpected scene for the other bus passengers.

Dec 18, 2016  **Fire started on American Airlines plane due to exploding e-cigarette**

E-Cigarette Sparks Fire On Airplane, No One Hurt

<http://stocknewsusa.com/2016/12/18/e-cigarette-sparks-fire-airplane-no-one-hurt/>

A passenger of an American Airlines had an electronic cigarette that "malfunctioned" Thursday. The e-cig also sparked fire aboard the airplane, airline officials reported. The fire forced the Dallas to Indianapolis, flight to land at the Clinton National Airport in Arkansas. Ross Feinstein, the American Airlines spokesman, told AP that none of the passengers or crew members was injured. The airline also reported that crew members extinguished the fire quickly. ...

December 12, 2016  **Abstract: spontaneous combustion of e-cigarettes, includes case studies**

Burns resulting from spontaneous combustion of electronic cigarettes: a case series

Sheckter, C.; Chattopadhyay, A.; Paro, J.; Karanas, Y., "[Burns resulting from spontaneous combustion of electronic cigarettes: a case series](#)," Burns & Trauma 4: 35

Background: Electronic cigarette (e-cigarette) sales have grown rapidly in recent years, coinciding with a public perception that they are a safer alternative to traditional cigarettes. However, there have been numerous media reports of fires associated with e-cigarette spontaneous combustion. **Case Presentation:** Three severe burns caused by spontaneous combustion of e-cigarettes within a 6-month period were treated at the Santa Clara Valley Medical Center Burn Unit. Patients sustained partial and full-thickness burns. Two required hospitalization and surgical treatment. **Conclusions:** E-cigarettes are dangerous devices and have the potential to cause significant burns. Consumers and the general public should be made aware of these life-threatening devices.

December 12, 2016  **Warning: after e-cig explodes in man's mouth**

Stratford Fire Department issuing e-cigarette warning

[VIDEO]

<http://connecticut.news12.com/news/stratford-fire-department-issuing-e-cigarette-warning-1.12743238>

STRATFORD - The Stratford Fire Department is issuing a warning to people who vape or use e-cigarettes. The warning comes after an e-cigarette exploded in one man's mouth, knocking out two of his teeth and cracking two others a few weeks ago. ...

December 8, 2016  **Surgeon General Warning: Secondhand e-cig vapor exposure is harmful**

Surgeon General warns of 'negative consequences of nicotine exposure from vaping

<http://fox17online.com/2016/12/08/surgeon-general-warns-of-negative-consequences-of-nicotine-exposure-from-vaping/>

The nation's top doctor is sounding the alarm on e-cigarettes, especially when used by teens and young adults. "These products are now the most commonly used form of tobacco among youth in the United States, surpassing conventional tobacco products, including cigarettes, cigars, chewing tobacco and hookahs," wrote Dr. Vivek H. Murthy, the US Surgeon General, in a new report released Thursday....

November 14, 2016  **Research: injuries from e-cig explosions**

A novel classification system for injuries after electronic cigarette explosions

http://journals.lww.com/burncareresearch/Abstract/publishahead/A_Novel_Classification_System_for_Injuries_After.98490.a.spx

Electronic cigarettes (e-cigarettes) contain lithium batteries that have been known to explode and/or cause fires that have resulted in burn injury. The purpose of this article is to present a case study, review injuries caused by e-cigarettes, and present a novel classification system from the newly emerging patterns of burns.

December 4, 2016  **UPDATE: 51 staples were used to help heal the large burn (from Nov. 25th story) E-cig explosion victim with serious burns out of hospital**

<http://www.nydailynews.com/new-york/brooklyn/e-cig-explosion-victim-serious-burns-hospital-article-1.2898679>

The working dad who suffered burns when an e-cigarette exploded left the hospital Sunday, but he's facing a period of physical therapy. Doctors have removed 51 staples from 31-year-old Otis Gooding's leg used to help heal the large burn he suffered Nov. 23. One of his hands was also badly burned. ... He said he feels grateful to have survived the blast. "I just don't want this to happen to anybody else," he also said of the ordeal. And of e-cigarettes — which he isn't using anymore, he said, "Don't buy it." ...

December 5, 2016  **Study: Vaping can raise blood pressure; promote hardening of arteries – just like regular cigarettes Thought vaping was safe? What e-cigarettes REALLY do to your body will shock you**

<http://www.dailystar.co.uk/real-life/567763/Vaping-vs-smoking-e-cigarette-heart-disease-risk>

... Most people have been lead to believe that vaping is a safer alternative to traditional tobacco products and Public Health England even claims e-cigarettes are "95% less harmful than smoking". But a worrying new study from scientists at the Karolinska Institute in Stockholm has suggested that just 10 puffs on an e-fag can increase your risk of heart disease. Researchers found that vaping can raise blood pressure and promote the arteries to harden – just like regular cigarettes. ...

December 2, 2016  **Study: flavored e-cigarettes 'expose smokers to high levels of cancer causing chemicals' Scientists say flavoured e-cigarettes 250 times more toxic than recommended safety level**

<http://www.mirror.co.uk/lifestyle/health/scientists-say-flavoured-e-cigarettes-9374556>

One puff of a flavoured e-cigarette can expose a smoker to [cancer](#) causing chemicals that are more than 250 times the recommended safety level, say scientists. When converted into a vapour, some additives break down into toxic compounds that dramatically exceed guidance for occupational health, according to the study. ...

November 29, 2016  **Client injuries include: severe burns on leg, puncture in roof of mouth Two Florida men file lawsuits alleging injuries from e-cigarette explosions**

<http://www.orlandoweekly.com/Blogs/archives/2016/11/29/two-florida-men-file-lawsuits-alleging-injuries-from-e-cigarette-explosions#>

"The scary part about the e-cigarettes is that most of the devices and their components are cheaply made," Morgan says in a statement. "Most of the batteries are simply re-wrapped lithium ion batteries. On top of cheap batteries many of the devices lack proper ventilation turning the device into a pipe bomb where heat discharged from the battery builds up in the e-cigarette until the pressure is so great that it explodes."

November 30, 2016  **Study: some flavorings break down into toxic compounds, exceed occupational safety standards Vapors from some flavored e-liquids contain high levels of aldehydes**

https://www.eurekalert.org/pub_releases/2016-11/acs-vfs113016.php

Helping to flesh out this picture, researchers are reporting in the ACS journal *Environmental Science & Technology* what happens to e-liquid flavorings when they're heated inside e-cigarettes or electronic nicotine-delivery systems.

November 28, 2016  **Study: E-cigarette vapor found to damage lung cells E-cigarette vapor, even when nicotine-free, found to damage lung cells**

<https://knowridge.com/2016/11/e-cigarette-vapor-even-when-nicotine-free-found-to-damage-lung-cells/>

... Now, a team of researchers adds its findings to others that suggest nicotine in any form is damaging to lungs. This new research also suggests that non-nicotine-containing e-cig solutions have a damaging effect on lung health, leading researchers to call for more e-cig research. ...

November 27, 2016  **Study: E-cigarettes and oral health/damage**

Vape Talk: Lungs Aren't the Only Tissue to Consider

<http://www.dailyrxnews.com/electronic-cigarettes-damage-gums-and-teeth-much-regular-cigarettes-university-rochester-research>

... According to a press release issued by the University of Rochester Medical Center, a new study found that electronic cigarettes (e-cigarettes) are equally damaging to gums and teeth as conventional cigarettes. It's the first scientific study to discuss how e-cigarettes impact oral health. "We showed that when the vapors from an e-cigarette are burned, it causes cells to release inflammatory proteins, which in turn aggravate stress within cells, resulting in damage that could lead to various oral diseases," lead researcher Irfan Rahman, PhD, said in the press release. ...

November 25, 2016     **3rd degree burns on leg, hands burned, surgery**

Horror video shows e-cigarette burst into flames in man's pocket

[Footage of explosion]

<http://www.aol.com/article/news/2016/11/25/horrific-video-shows-e-cigarette-burst-into-flames-in-mans-pock/21614390/>

Surveillance video from inside the Central Cellars wine shop in Grand Central station showed the moment an electronic cigarette exploded in an employee's pocket Wednesday morning. ... "There were sparks everywhere and panic and mayhem," he said. "He's in the hospital right now with third degree burns." ...

November 19, 2016   **Study: Lung damage, infections high among teens who vape**

E-cigarette use linked to permanent lung damage in teenagers

<http://www.grimsbytelegraph.co.uk/e-cigarette-use-linked-to-permanent-lung-damage-in-teenagers/story-29919152-detail/story.html>

E-cigarettes have become ever-more popular in recent years with stores popping up all over North East Lincolnshire but teenagers who use them are far more likely to get bronchitis, a study has found. Young people who vape have a 71 per cent higher risk of developing the condition than those who have never used an e-cig. ...

November 17, 2016  **Study: Electronic cigarettes damage gums/teeth as much as conventional cigarettes**

E-Cigarettes Damage Gum Tissue

<http://www.newsmax.com/Health/Health-News/electronic-cigarettes-e-cigarettes-damage/2016/11/17/id/759426/>

Electronic cigarettes damage gums and teeth just as much as conventional cigarettes, says the first study to address concerns on the detrimental effects of e-cigarettes on dental health. ...

November 7, 2016    **Story about explosions, fires, poisonings, and injuries/burns**

Where There's Smoke, There's Fire, especially with E-Cigarettes

<https://www.dvidshub.net/news/214032/theres-smoke-theres-fire-especially-with-e-cigarettes>

Where there's smoke, there's fire. Especially with electronic-cigarettes (e-cigs). Lost in the haze about any health hazards to e-cig users, there are smoldering safety issues to consider. There have been explosions and small fires attributed to the devices, either due to some type of battery malfunction, overheating or detonation. According to Cmdr. Jason Garrett, USS Nimitz (CVN 68) Safety Officer, there have been several instances where Sailors assigned to the nuclear aircraft carrier have been effected by a malfunctioning e-cig. ...

November 3, 2016   **Increase in exploding e-cigs and injuries**

Exploding E-Cigarettes another Growing Danger from Vaping

<http://charlottesville.legalexaminer.com/defective-dangerous-products/exploding-e-cigarettes-another-growing-danger-from-vaping/>

Across the country, hospitals are beginning to report serious injuries from exploding e-cigarettes. A regional burn center in Seattle treated 15 patients from October 2015 to June of 2016. At the University of Colorado Hospital (UCH) Burn Center, they have treated six people so far this year for serious injuries. An internet search will turn up numerous reports along with photographs of people with severe injuries to the mouth, tongue, face and upper legs in many cases. ...

November 1, 2016  **2nd degree burns on stomach, jacket melted around finger, 'It was like a flare going off'**
The dramatic moment an electric cigarette lighter EXPLODED [Footage of explosion]

http://www.dailymail.co.uk/news/article-3894580/It-like-flare-going-dramatic-moment-electric-cigarette-lighter-EXPLODED-setting-owner-fire-leaving-burns.html?ITO=1490&ns_mchannel=rss&ns_campaign=1490

A man was left with serious burns after the battery for his electronic cigarette caught fire and exploded in his hand. Amine Britel was enjoying a smoke outside a the nightclub he owns on Friday night when he ended up being set alight.

October 31, 2016  **E-cigarette caught fire in backpack – burst into orange and blue flames**
Alaska Air flight grounded after e-cig batteries ignite

<http://www.kcaw.org/2016/10/31/alaska-air-flight-grounded-e-cig-batteries-ignite/>

... "And I heard sort of a whooshing sound, like a quick hiss of air, and I looked up and about 3 rows in front of me a guy's backpack started smoking and burst into orange and blue flame. He quickly got it off and hit it to the ground and some other passengers got up and started stomping on it." Hames says the man thought the source of the fire might have been an e-cigarette, but that wasn't the complete answer.

October 28, 2016  **E-cigarette explodes in pocket, no injuries**
Horrifying moment man's e-cigarette EXPLODES in his pocket forcing him to whip off his trousers [Footage of explosion]
<http://www.mirror.co.uk/news/world-news/horrifying-moment-mans-e-cigarette-9145148>

A man leapt in the air screaming with pain after his [e-cigarette](#) exploded in his pocket. He was then forced to rip off his trousers in the middle of a cafeteria after the device went up in a ball of [flames](#) . In shocking footage of the incident the man is sitting at a communal table eating some food when a bolt of fire suddenly shoots out his trousers. ...

- See video here: <https://www.youtube.com/watch?v=qMwtqNcos74>

October 23, 2016  **Bag catches fire on plan from vape pen, Firefighters extinguished the flames**
Bag catches fire at Sea-Tac Airport due to vape pen charger
<http://komonews.com/news/local/bag-catches-fire-at-sea-tac-airport-due-to-vape-pen-charger>

A United flight at Seattle-Tacoma International Airport was delayed slightly Sunday morning after a man's bag caught fire. Baggage handlers were loading luggage onto the plane, en route from Sea-Tac to Houston, when they noticed smoke seeping out of one of the bags. Firefighters extinguished the flames and determined that the fire was caused by a battery connected to a charger for a vape pen. ...

October 21, 2016  **E-cigs/nicotine cause worse damage to cells/DNA**
Nicotine is the Enemy, Researchers Say
http://www.gilmermirror.com/view/full_story/27295308/article-Nicotine-is-the-Enemy--Researchers-Say?instance=special_coverage_bullets_right_column

A team of researchers from the University of California at San Diego has found that nicotine versions of e-cigarettes caused worse damage to cells than non-nicotine, but even the nicotine-free vapor was enough to alter cells. Nicotine-free e-cigarettes caused 50 percent more DNA breaks while those containing nicotine did three times the damage. ...

October 18, 2016  **House burned, suffered slight smoke inhalation**
Lucky to be alive: inside home ravaged by fire sparked by an exploding e-cigarette which almost killed owner

<https://www.thesun.co.uk/news/2001603/inside-home-ravaged-by-fire-sparked-by-an-exploding-e-cigarette-which-almost-killed-owner/>

A CHARRED sofa, blackened walls, gutted rooms and a destroyed wall demonstrate what happened after an e-cigarette exploded and started a ferocious fire. This family home in Wirral was almost totally burnt down as a fire ripped through it after the cigarette left on charge started the blaze. ...

October 14, 2016  **2nd and 3rd degree burns, required skin grafts surgery**
Hazel Dell e-cigarette business faces suit

<http://www.columbian.com/news/2016/oct/13/hazel-dell-e-cigarette-business-faces-suit/>

A 19-year-old former Vancouver man is filing a lawsuit against a Hazel Dell electronic cigarette business after, he claims, a device purchased at the store exploded in his pocket, causing severe burns. He is among four people who filed lawsuits in Washington courts Thursday against e-cigarette manufacturers and sellers. ...

October 14, 2016  **8 shattered teeth/portion of lower palate removed, multiple stitches on face, burns to tongue, needs bone grafting on jaw and teeth implants**
Kelso man sues over exploding e-cigarette

http://tdn.com/news/local/kelso-man-sues-over-exploding-e-cigarette/article_91e46836-8146-5667-93bd-bb317e1441ce.html

On Dec. 18 last year, Sidney Hayes of Kelso took a 10-minute work break to have a smoke. But the e-cigarette he was using exploded in his face, blasting out eight teeth and disfiguring his mouth. He was raced to the emergency room and treated, but he still has difficulty eating, drinking and speaking. ...

October 13, 2016  **Increased lawsuits due to exploding e-cigarettes**
Vapers sue e-cigarette makers, sellers after explosions, burns

<http://www.seattletimes.com/seattle-news/vapers-sue-e-cigarette-makers-sellers-after-explosions-burns/>

Four Northwest residents who claim they were hurt when e-cigarettes they were using caught fire or exploded said Thursday they'll sue the manufacturers and sellers of the devices. ...

October 13, 2016  **Increased lawsuits due to exploding e-cigarettes**
E-cig explosions prompt lawsuits

<http://www.spokesman.com/stories/2016/oct/13/e-cig-explosions-prompt-lawsuits/>

Marlene Rubertt switched to vaping about six years ago because she thought it was a healthier alternative to smoking. But in January, she discovered the e-cigarettes can do something that regular cigarettes don't. Explode. In a lawsuit filed Thursday in Spokane County Superior Court, Rubertt said she was at home on the evening of Jan. 30 watching the Zags men's basketball team play the University of San Francisco when she brought her e-cigarette to her mouth to take a drag. ...

October 12, 2016  **Study on safety**
Study Finds E Cigarettes May Not Be as Safe as They Seem

<http://kbia.org/post/study-finds-e-cigarettes-may-not-be-safe-they-seem>

... A report in the New England Journal of Medicine, which was authored by Kansas City doctor Chitra Dinakar at Children's Mercy Hospital and her colleagues, highlights the problem vaping presents for scientists. ... "It certainly doesn't contain some of the known carcinogens that we know tobacco smoke has, but it does have some chemicals that are still harmful and haven't been studied very well," Dinakar said. ...

October 11, 2016  **E-cigarette overheated on airplane, burns to hand**
Man Sues Airline After Being Burned by E-Cigarette

<http://www.travelpulse.com/news/airlines/man-sues-airline-after-being-burned-by-e-cigarette.html>

A Connecticut man traveling from London to New York recently suffered third-degree burns to his right hand and first- and second-degree burns to his left hand when his electronic cigarette overheated. It was charging in the outlet and began smoldering in the seat-back pocket in front of him after he fell asleep.

October 10, 2016  **Warning**

Hospitals see more patients with severe burns from e-cigarettes

[VIDEO]

<http://fox4kc.com/2016/10/10/hospitals-see-more-patients-with-severe-burns-from-e-cigarettes/>

A warning for people using e-cigarettes: Hospital burn centers are seeing a growing number of people with severe burns from them. ...

Oct 10, 2016  **Warning: increase in burns at hospital burn unit due to e-cigs**

Experts issue warning over 'exploding' e-cigarettes

<http://www.localgov.co.uk/Experts-issue-warning-over-exploding-e-cigarettes/41812>

Cheap and imported vaping kits have led to an increase in the number of smokers injured by 'exploding' devices, health experts have warned. ...

Oct 10, 2016  **Warning**

Burns warning over exploding e-cigarettes

<http://www.webmd.boots.com/news/20161010/exploding-e-cigarettes-burns-warning>

... In three of the cases, the e-cigs were in trouser pockets causing thigh and groin injuries. One man also received burns to his hand as he tried to put out the ...

October 9, 2016      **Increase in explosions and sever injuries**

Electronic cigarette explodes in patient's mouth causing injuries similar to a gunshot wound to the face

<https://www.thesun.co.uk/news/1942554/electronic-cigarette-explodes-in-patients-mouth-causing-injuries-similar-to-a-gunshot-wound-to-the-face/>

A TOP plastic surgeon has issued a stark warning over the use of e-cigarettes after hearing reports of them exploding in people's mouths – leaving them with injuries similar to those of a gunshot wound. ...

October 5, 2016   **Increase in exploding e-cigs and injuries**

Exploding E-Cigs Sending 'Vapers' to Burn Centers *Users say they're unaware the lithium batteries are a potential fire hazard*

<https://consumer.healthday.com/cancer-information-5/electronic-cigarettes-970/exploding-e-cigarettes-sending-vapers-to-burn-centers-715506.html>

E-cigarette devices are randomly and unexpectedly exploding, burning and maiming people unlucky enough to be near them when they detonate, researchers report. The University of Washington Regional Burn Center in Seattle has treated 22 people for burns and other injuries caused by exploding e-cigarettes since October 2015, said Dr. Elisha Brownson, a burn/critical care surgical fellow at the hospital.

October 4, 2016    **2nd degree burns on leg**

Man claims e-cigarette battery exploded in his pocket, suffers 2nd degree burns

[VIDEO]

<http://www.fox10phoenix.com/news/arizona-news/209467116-story>

A man is giving up vaping after a horrific experience. The battery belonging to his e-cigarette exploded in his pocket, started a fire and burned his body. He spent many hours at the Arizona Burn Center for treatment. Most of the top portion of his left leg suffered second degree burns. "This has been by far the most painful experience ever," said Shiloh Inostroza. ...

October 2, 2016   **E-cig explodes in supermarket while charging, no injuries**

E-cigarette sparks evacuation of South Shields supermarket

<http://www.shieldsgazette.com/news/e-cigarette-sparks-evacuation-of-south-shields-supermarket-1-8159245>

... Crew manager Tony Chapman said: "People should never leave E-cigarettes unattended while charging and keep them well away from flammable materials. ...

October 3, 2016  **2 injured, small fire ball shot at teen burning face, arm, and leg.**

Teenage Girl Injured By Exploding E-Cigarette At Orlando Theme Park

<http://www.inquisitr.com/3559778/teenage-girl-injured-by-exploding-e-cigarette-at-orlando-theme-park/>

A teenager girl was injured by an e-cigarette at Universal Orlando theme park, after another passenger's device exploded and sent a fireball into the girl's face, *The Orlando Sentinel* is [reporting](#). ... For unknown reasons, an e-cigarette, or perhaps a vaporizer pen, in the pocket of one of the men exploded. The explosion [shot a fireball into the teen girl's face](#), according to *Fox News*.

September 27, 2016  **Rate of exploding e-cigs and frequent fires**

SEVEN people treated for burns in Bristol after exploding e-cigarettes and vapers

<http://www.bristolpost.co.uk/8203-seven-people-treated-for-burns-in-bristol-after-exploding-e-cigarettes-and-vapers/story-29754331-detail/story.html>

Seven people have been treated for burns in Bristol after exploding e-cigarettes and vapers. The specialist burns unit at [Southmead Hospital](#) says it has seen seven patients since April after batteries caught on fire in user's pockets. ...

September 20, 2016  **Study about increased toxicity**

Study: Some flavorings increase toxicity of e-cigs

[VIDEO]

<http://www.thv11.com/news/flavorings-increase-toxicity-of-e-cigs/321976899>

Although smoking regular tobacco cigarettes is about 10 times more harmful than e-cigarette smoke, those who use e-cigarettes should be aware they are not harmless. Flavorings added to electronic cigarettes affect their toxicity, according to Roswell Park Cancer Institute scientists, and strawberry is the most toxic flavor.

September 18, 2016  **Hospitalized with severe burns, in constant pain**

E-cigarette explodes in Valley man's pocket

[VIDEO]

<http://www.azfamily.com/story/33124980/e-cigarette-explodes-in-valley-mans-pocket>

It seems like we're hearing more and more about cases of batteries of electronic cigarettes exploding and it recently happened to an Avondale man. "It blew up! Like a little mini pocket pipe bomb," said Chris Tague. Patricia Baertich couldn't believe what she saw. "I turn around and my husband is on fire," Baertich said.

September 14, 2016  **Ignited in unattended car, no injuries.**

E-Cigarette reportedly explodes, starts car fire

[VIDEO]

<http://www.abc17news.com/news/ecigarette-reportedly-explodes-starts-car-fire/41672364>

A mid-Missouri woman told ABC 17 News her car was totaled after an electronic cigarette battery reportedly burst into flames and caught her car on fire. Callaway County resident Janie Lewis said her son woke her up early last Wednesday morning saying her car was on fire. ...

September 14, 2016  **3rd degree burns, stayed at burn unit for 2 weeks**

E-cigarette battery explodes like 'hand grenade' in pocket

<http://www.ajc.com/news/news/local/e-cigarette-battery-explodes-like-hand-grenade-in-/nsXmG/>

A Haralson County man says his entire household has been turned upside down after his e-cigarette battery exploded, causing him third-degree burns. Jeremy McDow told ... But in July, the lithium-ion battery blew up in his pants pocket while he was at work. "As soon as one went off, two went off, and three went off," McDow told Channel 2.

September 14, 2016  **Extended story of woman who's battery exploded in purse**

Video captures terrifying moment vaping device explodes in woman's bag

[Footage of explosion]

<http://www.aol.com/article/2016/09/14/video-captures-terrifying-moment-vaping-device-explodes-in-woman/21471933/>

OLD BRIDGE, N.J. (WPIX) — Mara McInerney got the shock of her life when her vaping device exploded in her \$1,200 Louis Vuitton bag. McInerney was checking out of a sunglasses store at the Freehold Raceway Mall in New Jersey when a huge cloud of smoke erupted from her bag.

September 13, 2016    **Injuries from exploding e-cigs: burns, fractured jaw, lost teeth**

5 patients at UAB treated for burns related to e-cigs

[VIDEO]

<http://wiat.com/2016/09/13/uab-patients-say-they-were-injured-by-e-cigarettes/>

BIRMINGHAM, Ala. (WIAT) — Doctors at UAB hospital tell CBS 42 they've treated five burn cases related to e-cigarettes over the past year. Dr. Chandra Ellis, director of the Burn program at UAB said two patients had such severe burns that they required surgery.

September 13, 2016      **3rd degree burns, skin deformities, loss of sensation**

Arlington woman sues vapor shop after e-cigarette battery explodes

<http://www.star-telegram.com/news/local/community/arlington/article101570947.html>

An Arlington woman is suing a vapor store for \$1 million in damages, saying she suffered severe burns and disfigurement after an e-cigarette battery exploded in her pocket. According to a petition filed in district court Monday by Johnnie Flores, the lithium-ion battery she purchased at Luxor Vapors exploded June 29, causing a scathing hot mixture of shrapnel and battery liquid to burn through the flesh of her hand and leg.

September 13, 2016    **Faulty batteries**

Faulty Lithium-Ion Batteries Raise Concerns For Electronics Users

[VIDEO]

<http://dfw.cbslocal.com/2016/09/13/faulty-lithium-ion-batteries-raise-concerns-for-electronics-users/>

Reports of fires, explosions and now there are lawsuits involving possible faulty lithium-ion batteries. ... She is suing Luxor Electronic Cigarettes after she claims a lithium-ion battery she purchased from the shop exploded in her pocket. "I looked down and saw ...

September 13, 2016   **Battery blows up in woman's purse, no injuries**

WATCH: Vape battery explodes in woman's purse at Freehold mall

[Footage of explosion]

http://www.nj.com/monmouth/index.ssf/2016/09/watch_vape_battery_explodes_in_womans_purse_at_fre.html

A woman shopping at a Sunglass Hut Sunday had an unfortunate time checking out when a vape battery exploded in her purse at Freehold Raceway Mall. A black plume of smoke and flames can be seen in a YouTube video erupting from the purse placed on the counter as the shopper checked out.

September 11, 2016     **2nd, 3rd, 4th degree burns on leg, skin grafts needed, scarred for life**

Man left with horrific burns after e-cigarette EXPLODES in pocket

<http://www.bristolpost.co.uk/man-left-with-horrific-burns-after-e-cigarette-explodes-in-pocket/story-29705609-detail/story.html>

A man was left with horrific burns and needing skin grafts after his e-cigarette's battery exploded in his pocket. James Vearncombe has been scarred for life after the incident, and may now require surgery on his damaged skin.

September 11, 2016   **Vaping may raise people's risk of pneumonia and other deadly bacterial infections**

Vaping is linked to deadly lung infections

<http://www.thetimes.co.uk/article/vaping-is-linked-to-deadly-lung-infections-fwbr59mbc>

Professor Jonathan Grigg has found that the chemical propellants and nicotine used in e-cigarettes both have a powerful effect on lung cells, effectively opening them up to infection by the bacteria that cause pneumonia. ...

August 31, 2016  **2nd/3rd degree burns to chest/side/face/ hands, hair on fire, 3 weeks in hospital, pieces of e-cig found down the block**

Arizona teen warns others about exploding e-cigarettes

[VIDEO]

<http://www.azfamily.com/story/32922631/arizona-teen-warns-others-about-exploding-e-cigarettes>

A Maricopa teenager is among a growing number of victims injured by an electronic cigarette that exploded. Hailey Boyce, 17, said that she was hanging out ...

August 30, 2016  **"There could be long term heart dangers. They are far more dangerous than people realize..."**

Vaping Can Be As Bad As Smoking When It Comes To Heart Health

[VIDEO]

http://www.huffingtonpost.ca/2016/08/30/vaping-as-bad-as-smoking_n_11777568.html

... But that doesn't mean it's a safer option. "There could be long term heart dangers. They are far more dangerous than people realize," says Vlachopoulos. "I wouldn't recommend them now as a method to give up smoking. I think the U.K. has rushed into adopting this method." ...

Aug 25, 2016 (update)  **3rd degree burns, nothing else was in pocket**

Local man injured from e-cigarette

http://www.localnews8.com/news/kifi-top-story/local-man-injured-from-e-cigarette_20160825070832821/58580069

IDAHO FALLS, Idaho (KIFI/KIDK) - A local man is recovering from third-degree burns after he says an electronic cigarette exploded in his pocket. Just 24 hours after surgery, he's sharing his story so no one else falls victim to an unexpected explosion.

August 11, 2016  **Study: people are still inhaling potentially harmful chemicals**

OSU Studying Effects of E-Cigarettes on Lung Health

<http://www.columbusunderground.com/osu-studying-effects-of-e-cigarettes-on-lung-health-1s1>

If you're puffing on an e-cig, you're a guinea pig, based on a lack of information available on the products. The Ohio State University Comprehensive Cancer Center — Arthur G. James Cancer Hospital and Richard J. Solove Research Institute (OSUCCC — James) hopes to gain some understanding through two studies aimed at evaluating the health effects of e-cigarettes compared to traditional tobacco products.

August 5, 2016  **Upper story of house destroyed after e-cigarette was left on charge**
E-cigarette causes house fire

<http://www.cambrian-news.co.uk/article.cfm?id=107715&headline=E-cigarette%20causes%20house%20fire§ionIs=news&searchyear=2016>

Firefighters used two sets of breathing apparatus and two hose reel jets to tackle the fire. The fire caused 100 per cent smoke damage to the rest of the first floor. There was also fire damage to the ground floor ceiling. ...

July 25, 2016  **2nd degree burns covered 3 percent of body - Samsung INR 18650-25R battery**

Las Vegas man files lawsuit over exploding e-cigarette battery

<http://www.reviewjournal.com/news/las-vegas/las-vegas-man-files-lawsuit-over-exploding-e-cigarette-battery>

A year ago, a 32-year-old Las Vegas man walked into a southeast valley vape store, bought a Samsung battery for his e-cigarette and went shopping with a friend. Later the same day, the battery exploded in Kendall Tanouye's pocket, sending him to the hospital with second-degree burns on his leg.

July 20, 2016  **2nd degree burns on leg, required surgery**

<http://6abc.com/news/del-man-suing-over-e-cigarette-fire-/1435239/>

BEAR, Del. (WPVI) --

A man from Bear, Delaware, is still recovering from injuries he received when his electronic cigarette exploded in his pocket. Back in March, he was unloading groceries when one of the e-cigarette's batteries caught fire, burning right through his pants.

July 12, 2016  **Device overheated, exploded, scorched wall, spraying hot fragments over furnishings in flat 'Exploding' e-cigarette causes Arundel flat fire**

<http://www.bognor.co.uk/news/local/exploding-e-cigarette-causes-arundel-flat-fire-1-7473728>

A woman had a lucky escape after her e-cigarette exploded, setting fire to her flat. ... Electronic cigarettes, or e-cigarettes, are battery-powered devices which simulate tobacco smoking and are becoming increasingly popular as smoking ...

July 7, 2016  **Battery exploded in pocket, hospitalized with severe burns on leg "He was sitting there and (his leg) looked like a burned marshmallow."**

E-cig explodes in man's pocket, sets pants on fire at tavern

http://www.mlive.com/news/bay-city/index.ssf/2016/07/man_suffers_burn_when_vaporize.html

BAY CITY, MI — While eating a meal at a downtown Bay City restaurant, a man's vaping device spontaneously exploded, resulting in his hospitalization.

July 6, 2016  **E-cig tendency to explode, spraying corrosive battery acid on users' skin/inside mouths**
E-Cigarettes Keep Blowing Up In People's Faces

<http://thinkprogress.org/health/2016/07/06/3795931/exploding-e-cigarettes/>

E-cigarettes or vaporizers have [surged in popularity](#) in recent years, especially among teenagers. But the tobacco-alternative comes with an unexpected health risk: the devices can explode and cause severe burns, according to a slew of lawsuits filed against manufacturers. E-cigarette users in several states, including New York, California, and Florida, are suing e-cigarette and vaporizer companies for the devices' tendency to explode during use, spraying corrosive battery acid on users' skin and inside their mouths, the Wall Street Journal [reported](#). ...

July 5, 2016  **Lawsuits over exploding e-cigarettes**
People Are Suing Over Exploding E-Cigarettes

<http://time.com/4393022/exploding-e-cigarette-lawsuit/>

What happened to Berven is one of several reported injuries related to e-cigarettes in recent years. Doctors had to amputate Vicente Garza's left index finger and perform surgery on his tongue after an e-cigarette exploded near his face, according to a [Los Angeles Times report](#) from November.

July 4, 2016  **2nd degree burns to left hand, minor fire/smoke damage to hotel**
Man burned when battery on e-cigarette explodes

http://www.lowellsun.com/news/ci_30088610/man-burned-when-battery-e-cigarette-explodes

A 47-year-old Chelmsford man was treated for second-degree burns to his hand after the battery pack of an electronic cigarette "exploded" in a room at the Radisson Hotel and Suites in Chelmsford early Saturday morning, according to firefighters.

July 3, 2016  **Article on lawsuits: hole in mouth, 3 cracked teeth, battery acid burn scars on face/legs**
E-cigarette users Sue Over blasting Devices

<http://financialbin.top/e-cigarette-users-sue-over-blasting-devices/>

Rachel Berven grabbed the electronic cigarette and install a new battery one day in February, the same way she often did, as it turned to the steamer broadcasting to quit smoking one year earlier. But this time, when Mrs. Berven pressed the button to activate it says electronic cigarette exploded extraction hole in his mouth and spewing battery acid in her body...

June 30, 2016  **Leg badly burned, limping**
Kirkland man's vape pen battery explodes

[VIDEO]

<http://www.kiro7.com/news/local/kirkland-mans-vape-pen-battery-explodes/373773562>

Two weeks later, Brooks Stroman's leg is still badly burned after his vape pen battery exploded in his back pocket. "I hear this 'pooooof' sound," Stroman said recounting the June 5 incident. "I thought my kids threw a water balloon at me. So I go at my kids to play and I hear: 'You're leg's on fire,' and I look and there's smoke billowing out of my back pocket."

Jun 28, 2016   **Laceration on leg, injury on foot that looked like a gunshot wound**

Local teen injured when vape explodes

http://idahostatejournal.com/news/local-teen-injured-when-vape-explodes/article_56bd34ac-543b-5648-9002-82a6c247c8f5.html

Trevor Barfuss recently sustained wounds to his foot and leg after a vape exploded like a bomb, scattering shrapnel-like pieces of the device and starting a fire. The incident happened in an apartment in Lava Hot Springs last Thursday, as the 16-year-old Bancroft teen and his 18-year-old friend were preparing to float down the Portneuf River.

June 27, 2016  **Study: Oral disease risk**

E-cigarettes could increase oral disease risk, UCLA study finds

<http://abc7.com/health/e-cigs-could-increase-oral-disease-risk-ucla-study-finds/1404032/>

E-cigarettes could increase the risk of oral disease, according to a new study released by UCLA on Monday. Researchers said e-cigarette vapor contains toxic substances and nanoparticles that could kill the top layer of skin cells in the oral cavity. That can significantly weaken the oral cavity's natural defense mechanism, the study stated. The research was conducted on cultured cells, but scientists believed similar results would happen in a human study. ...

June 26, 2016   **Dog poisoned by friend's discarded e-cigarette**

'It could happen to a child' Devastated Brit's warning as e-cig kills dog

<http://www.dailystar.co.uk/news/latest-news/525567/e-cigarette-smoking-e-cig-smoke-biting-refills-dog-UK-Britain-danger>

Miffany Haynes says her dog Leonardo got ill after chewing on a discarded e-cigarette a friend had left under her sofa. ... But after eight months of treatment the Staffordshire bull terrier died and Miffany, 40, is now on a crusade to make other owners aware of the dangers of e-cigs.

June 26, 2016   **Car fire. Ohmega Box Mod with Emerson batteries**

Exploding Vape Blamed For Victorville Car Fire

<http://www.vvng.com/exploding-vape-blamed-for-victorville-car-fire/>

A local woman said her car caught fire after a mod box exploded late Sunday morning. ... Poole said she panicked and worried her car was going to explode. "The driver side door, seat, and visor were completely engulfed in flames". ... Danielle tells Victor Valley News she's been vaping for years and the experience will not keep her from vaping. "I've left my vape in the car many times but never had this happen. It has me spooked but I will definitely be a lot more cautious."

June 22, 2016  **Study: Nicotine higher than what label says**

Study finds nicotine levels in e-cigarettes higher than label reflects

[VIDEO]

<http://www.kfyrtv.com/content/news/Study-finds-nicotine-levels-in-e-cigarettes-higher-than-label-reflects-383863351.html>

About 50 percent of e-cigarette liquid labels aren't accurately reflecting the nicotine levels found in the product, according to a recent study by the North Dakota Center for Tobacco Prevention and Control Policy. The center says that in some cases products were almost 175 percent higher than labeled. ...

June 22, 2016   **Warning: Significant trauma seen from exploding e-cigs**

'We're seeing significant trauma:' doctors warn of exploding e-cigarette batteries

[VIDEO]

<http://komonews.com/news/local/were-seeing-significant-trauma-doctors-warn-of-exploding-e-cigarette-batteries>

Billed as a safer alternative to traditional tobacco products, electronic cigarettes and vape products carry a risk of burning up or exploding, doctors warned Wednesday. Harborview Medical Center in Seattle has treated 14 patients since October for chemical burns, skin burns, and blast injuries related to e-cigarettes or vape pens catching fire, said Dr. Elisha Brownson. One

patient was a 2-year old boy. "It's causing significant damage to hands, faces, limbs," Brownson said. "The e-cigarettes are new and we don't know all the risks, but we're seeing significant trauma from these devices exploding."

June 2016  **Study on oral trauma and tooth avulsion**

Rogér, J.M.; Abayon, M.; Elad, S.; Kolokythas, A., "[Oral trauma and tooth avulsion following explosion of e-cigarette](#)," *American Association of Oral and Maxillofacial Surgeons* 74(6): 1181-1185, June 2016.

Electronic cigarettes (E-cigarettes), or personal vaporizers, were introduced in 2003 and have been available in the United States since 2007. In addition to the health and safety concerns of the aerosol delivery of nicotine through E-cigarettes, during the past 8 years, reports of explosions and fires caused by the E-cigarette devices have led the US Fire Administration to evaluate the safety of these devices

June 15, 2016  **Rise of vape pen injuries**

Surgeon discusses rise in vape pen injuries

<http://medicalxpress.com/news/2016-06-surgeon-discusses-vape-pen-injuries.html>

A quick search of "vape pen injuries" turns up a slew of hits: CBS News, Denver Post, Reddit, AOL. There is no shortage of stories of electronic cigarettes or vaporizer devices that exploded or caught on fire. ... University of Alabama at Birmingham burn and plastic surgeon Chandra Ellis, M.D., who directs the burn program for the Division of Acute Care Surgery in the Department of Surgery, has operated on two patients injured by vape pen explosions, and treated another five patients in clinic.

June 14, 2016  **2nd degree burns, piece of device embedded in tongue, emergency surgery, 3 shattered teeth**

Yet Another Person Has Been Injured From an Exploding E-Cigarette

[VIDEO]

<http://www.goodhousekeeping.com/health/news/a38960/e-cigarette-explode/>

The latest victim is [Jesse Milk](#), a California man whose e-cig blew up in his mouth last week. In addition to second-degree burns, a piece of the device embedded itself in his tongue, requiring emergency surgery. But the explosion could have been much, much worse. If the fragment hadn't hit his teeth — instantly shattering three of them — it could have traveled down in his throat, fatally choking the 26-year-old. The Los Angeles resident says he'll never touch an e-cigarette again.

June 9, 2016  **Story: "The prevalence of these injuries is not decreasing," said Dr. Elisha Brownson**

Exploding e-cigarette batteries sending more burn victims to Seattle hospital

<http://www.seattletimes.com/seattle-news/health/exploding-e-cigs-sending-more-victims-to-seattle-burn-center/>

At least 14 people — including two this month — have been treated or hospitalized at Harborview Medical Center since October for serious burns and other injuries caused when e-cigarette batteries ignited or exploded. ...

June 9, 2016  **Sever burns**

E-Cigarette Batteries Exploding

[VIDEO]

<http://wkrg.com/2016/06/08/e-cigarette-batteries-exploding/>

News 5 spoke to Eric Stewart, one of the burn victims who spent a week in the USA Burn Unit recovering. Two months ago, he was burned when an e-cigarette battery blew up in his pocket. Flames shot out of his leg.

June 7, 2016  **Warning of fire danger**

E-cig users are warned of fire danger

<http://rotherhamadvertiser.co.uk/news/103336/e-cig-users-are-warned-of-fire-danger.aspx>

USERS of e-cigarettes are being warned of potential dangers which could cause fires. South Yorkshire Fire and Rescue says it has tackled a dozen fires involving the devices in the last three years. The organisation says that until 2013 it hadn't attended a single incident caused by e-cigarettes, but the number of fires involving vaping equipment has climbed since.

June 7, 2016  **Serious injuries, permanent disfigurement, temporary/potentially permanent damage to vision**

Man sues after e-cigarette allegedly explodes in his mouth

[VIDEO]

http://www.muskogeephoenix.com/news/man-sues-after-e-cigarette-allegedly-explodes-in-his-mouth/article_3751befe-320c-5757-96b3-0d3c0bb13de6.html

A Muskogee man is claiming negligence against three e-cigarette companies, alleging the product exploded in his mouth. Michael Williams, 22, filed a lawsuit in Muskogee County District Court against E-Ciggeez, a Muskogee vape shop; USA Made Mods, a Louisiana company; and ...

June 8, 2016    **Blew up in hand, 10 stitches. "It was almost like a bomb went off in my hand, literally."**

Fairfield man says e-cigarette exploded in his hand

[VIDEO]

<http://www.fox19.com/story/32179819/fairfield-man-says-e-cigarette-exploded-in-his-hand>

A Fairfield man is happy he's not in worse shape after he says an e-cigarette exploded in his hand. Colin Cunningham said he was holding the e-cigarette on Monday, clicked it once, and it blew up. "I got home from work and I was messing with it, you know, changed the battery," Cunningham told FOX19 NOW. "As soon as I changed the battery, put it back in and twisted it. I hit the button and it exploded."

June 4, 2016    **Burns and cuts on face**

Man Burned After E-Cig Blows Up In His Face

http://laist.com/2016/06/04/man_burned_after_e_cig_blows_up_in.php

NBC L.A. reports that a 23-year-old man from Tustin was enjoying an e-cigarette in his bedroom on Friday night when the device exploded in his face. According to the Orange County Fire Authority, firefighters arrived at the home on the 14600 block of Carfax Drive around 10:30 in response to a report of a person burned. They found the man with burns and cuts on his face, and he was taken to a nearby hospital. His condition is unknown.

June 1, 2016     **Story: four 3rd degree burn patients seen in last month due to e-cigarette explosions**

Doctors at Hillcrest Medical Center have treated four patients for 3rd degree burns due to exploding e-cigs

<http://www.kjrh.com/news/local-news/doctors-at-hillcrest-medical-center-have-treated-four-patients-for-third-degree-burns-due-to-e-cigs>

The patients claim they were carrying the e-cigs in their pockets when the battery exploded. Dr. Wilson says the patients will require ongoing treatment and might require physical therapy for full recovery.

May 25, 2016     **Study: describes severe oral/abdominal burns, oral lacerations, & lost/fractured teeth of 18 year old E-Cigarette Explosions Causing Serious Mouth Injuries**

<http://www.prnewswire.com/news-releases/e-cigarette-explosions-causing-serious-mouth-injuries-300275021.html>

"Oral Trauma and Tooth Avulsion Following Explosion of E-Cigarette," featured in the June issue of the *Journal of Oral and Maxillofacial Surgery*, examines the oral hard and soft tissue injuries resulting from an E-cigarette explosion. The University of Cincinnati study describes in detail the severe oral and abdominal burns, oral lacerations, and lost and fractured teeth sustained when an E-cigarette exploded in an 18 year old's mouth.

May 25, 2016   **Study: Vaping can cause lung damage**

'Vaping' can cause lung damage say Manchester boffins

<http://www.itv.com/news/granada/2016-05-25/vaping-can-cause-lung-damage-say-manchester-boffins/>

Tens of thousands of electronic cigarette users are at risk of chronic lung disease, according to a new study by scientists from the University of Manchester. Experts say that using e-cigs or "vaping" can cause the same debilitating conditions as smoking normal cigarettes. They claim the study, which is the first of its kind, shows that chemicals found in the e-cig vapour have been known to lead to conditions such as Chronic Obstructive Pulmonary Disease. ...

May 24, 2016  **Children using e-cigs in Hong Kong**

Little girl caught on camera smoking e-cigarette claims "it's just a toy" as parents watch

<http://www.irishmirror.ie/news/little-girl-caught-camera-smoking-8038753>

Worrying footage has emerged showing children as young as six apparently [smoking e-cigarettes](#) with their parents close by. The distressing new trend of children 'vaping' seems to be on the rise with mums and dads openly condoning the behaviour.

May 19, 2016   **Minor burns**

Margate man suffers burns after e-cigarette bursts into flames

http://www.kentnews.co.uk/news/margate_man_suffers_burns_after_e_cigarette_bursts_into_flames_1_4541504

A warning has been issued after a man suffered minor burns when his e-cigarette burst into flames in Margate. Fire crews were called to the scene on Caxton Road this morning to treat a man in his mid-30s who is believed to have inadvertently inserted the battery the wrong way. ...

May 19, 2016     **Teeth knocked out, hole in tongue, burns on hands**

Vaping Explosion Knocks Out Man's Teeth, Rips Hole in Tongue

<http://ktla.com/2016/05/19/vaporizer-explodes-in-ny-mans-face-rips-hole-in-his-tongue/>

Kenneth Barbero of Albany, New York was enjoying a vaping session when the hand-held device he was using blew up in his face; knocking out teeth, ripping a hole in his tongue and leaving his hands covered in burns. "[It was] like an M80 bomb went off in my mouth," Barbero told CNN affiliate WTEN. ...

May 18, 2016    **U.S. Bans e-cigarettes in checked bags because of fire risk**

US Bans E-Cigarettes in Checked Bags on Planes

<http://www.nytimes.com/2016/05/19/business/us-bans-e-cigarettes-in-checked-bags-on-planes.html>

The Transportation Department said on Wednesday that it was permanently banning e-cigarettes in checked baggage or from being charged onboard an aircraft. Transportation Secretary Anthony R. Foxx cited recent incidents that showed the devices could catch fire during transport. Passengers may continue to carry e-cigarettes for personal use in carry-on baggage or on their person, but may not use them on flights, Mr. Foxx said.

May 16, 2016    **Exploding e-cig causes house fire. No injuries.**

Horror as lad's EXPLODING e-cig sparks 'severe' house blaze

<http://www.dailystar.co.uk/news/latest-news/515948/e-cig-cigarette-explode-burn-house-fire-blaze-lad-bloke-electronic>

Firefighters said Nathan Holt, 15, was lucky to be alive after the blaze severely damaged the whole upper floor of the house. ... Steven said: "It's so fortunate that we could all get out. I'm surprised that none of us was injured." He also joined fire chiefs in warning e-cig smokers to be cautious when charging their devices. ...

May 15, 2016   **Study: Formaldehyde found in all e-cigarette liquid**

Tests find formaldehyde in all e-cigarette liquids

<http://www.taipetimes.com/News/taiwan/archives/2016/05/16/2003646392>

A random inspection by the Food and Drug Administration (FDA) found that all e-cigarette liquids it tested contained formaldehyde and 90.3 percent contained acetaldehyde, leading the Health Promotion Administration (HPA) to say it would work toward regulating e-cigarettes along with tobacco products.

May 13, 2016    **Mattress, carpet burned, 2nd and 3rd degree burns on palm**

E-cigarette lithium-ion battery explosions on the rise

<http://www.nbc12.com/story/31850463/lithium-ion-battery-explosions-on-the-rise>

Videos keep popping up of e-cigarette batteries exploding in pockets, hands, even faces. E-cig smokers are suffering severe burns. A Chesterfield woman ended up at the VCU Burn Center when it happened to her. Polly Griffin started vaping to end her 24-year addiction to cigarettes.

May 12, 2016     **Spike in e-liquid poisonings among children**

More Hawaii children sickened by e-cigarette liquid [VIDEO]

<http://khon2.com/2016/05/12/more-hawaii-children-sickened-by-e-cigarette-liquid/>

... KHON2 has learned e-cigarette poisonings are also a problem in Hawaii. "About 70 percent of the calls are in children and the rest are in adults," said Dr. Alvin Bronstein, Department of Health Emergency Management Services and Injury Prevention System Branch Manager. "So it looks like it did spike in 2014 and 2015." In 2014, there were 18 e-cigarette poisonings in Hawaii and 11 of those were children five and under. In 2015, those numbers increased to 25 total poisonings and 17 of those were young children. ...

May 12, 2016  **3rd degree burns all over right leg, undergone four skin grafts to repair physical scars.**

E-cig users report severe burns after devices explode

[Footage of explosion]

<http://fox2now.com/2016/05/12/e-cig-users-report-severe-burns-after-devices-explode/>

ST. LOUIS (KTVI) - A Wentzville man who wants to remain anonymous was just walking across his bar, and all of a sudden an explosion went off in his pants pocket! He said his e-cig battery ignited like a firework, leaving him with third-degree burns. Attorney Brad Wilmoth of Page Law currently represents a dozen e-cig burn victims, 10 of whom are in our area. He said the government did studies in 2013 and found out these lithium batteries could "blow up" on consumers.

May 11, 2016  **2nd degree burns from top of thigh down to shins, cadaver skin grafts from shins to top of groin**
Longboat Key man has grafts after e-cig battery burns

<http://www.fox13news.com/news/local-news/139722872-story>

A Manatee County man was left burned and blistered after his shorts caught on fire. It's all because the battery in his e-cigarette exploded while he was carrying it in his pocket. Matthew Betancourt was healing from second-degree burns, from the top of his thigh, down through his shin. He wanted to share his experience as a warning for anyone else using the devices.

May 11, 2016  **Debris smashed orbital and sinus bones, pieces of shrapnel left in eyeball, blind in left eye**
Orange County Man Loses Eye in E-Cig Explosion [VIDEO]

<http://www.nbclosangeles.com/news/local/Orange-County-Man-Loses-Eye-in-E-Cig-Explosion-378894001.html>

A man who lost his left eye last month when the battery in an e-cigarette exploded next to him, rocketing debris at his head, is demanding that more be done to regulate the smoking instrument. ... The debris smashed his orbital and sinus bones. There are pieces of shrapnel left in his eyeball, he said. ...

May 10, 2016  **Force of explosion removed all teeth, a portion of tongue, & set fire to room in home.**
Vietnam Veteran Suffers After Alleged E-Cig Explosion As Lawsuit Filings Continue

<http://www.digitaljournal.com/pr/2934469>

LipsigLawyers.com reports on details from another news release discussing an electronic cigarette explosion from [ABC News](#). The write up reports on the story of a Florida man who alleges that an e-cigarette explosion caused him to suffer severe burn injuries. The man spent time recovering at a burn center in Florida after reportedly suffering significant damage when the device exploded while in his mouth. The alleged victim is Tom Holloway, a 57-year-old from Niceville, Florida and retired Vietnam veteran. ...

May 9, 2016  **Clothes caught fire, burns to chest, arms, side, and hands. Surgery needed.**
Valley teenager injured after e-cig explodes; faces surgery tomorrow to repair burns

<http://www.abc15.com/news/region-central-southern-az/maricopa/valley-teenager-injured-after-e-cig-explodes-faces-surgery-tomorrow-to-repair-burns>

MARICOPA, AZ - A Valley 17-year-old is in the hospital after being severely burned by an e-cigarette. "It was like bomb going off," said Hailey Boyce. Boyce says she was getting ready to use her E-Cigarette when it suddenly exploded. Catching her clothes on fire and leaving her with burns to her chest, arms, side, and hands.

May 9, 2016  **Treated for burn injuries, temporarily blinded**
Amid E-Cigarette Explosion Lawsuit Filings, Man Seeks To Warn Current Users

<http://www.digitaljournal.com/pr/2932024>

JACKSONVILLE, NC: The reported victim, Joe Vecchione of Sneads Ferry, North Carolina states that the explosion happened around 11:45 at night when the device suddenly "erupted" in his face. "My eyes were burning," the man noted, "It was like a bunch of hot oil hit my face." Devices like the one the man described using do, in fact, depend on a liquid substance called "juice" to work. The brand the man indicates using reportedly contains both propylene glycol and alcohol, two combustible liquids. ...

May 9, 2016   **Study: E-cig poisonings up 1,500 percent**
E-Cigarette Poisoning up Substantially among Young Children, Calls to Poison Hotlines up 1,500 Percent [VIDEO]
<http://www.inquisitr.com/3078574/e-cigarette-poisoning-up-substantially-among-young-children-calls-to-poison-hotlines-up-1500-percent/>

... According to a report published on Monday in the medical journal Pediatrics, the number of children under 6-years-old being exposed to the e-liquid went up dramatically from January 2012 to April 2015.

May 8, 2016   **Senator calls for probe, recall of e-cigs**
Sen. Charles Schumer calls for probe, recall of exploding e-cigs
<http://www.newsday.com/news/region-state/schumer-feds-should-investigate-exploding-e-cigarettes-1.11774634>

Incidents of battery operated e-cigarettes exploding and burning consumers have prompted U.S. Sen. Charles Schumer to call for an investigation into possible causes and a recall to hold manufacturers responsible. "These e-cigarettes are a ticking time bomb," Schumer said, citing four injuries in New York last month at a Sunday new conference in Manhattan. ...

May 6, 2016     **Bystander teen hit by a student's exploding e-cig, burns to face, down neck to shoulder**
Teen recovering from facial, neck burns caused by classmate's exploding e-cigarette battery
http://www.al.com/news/huntsville/index.ssf/2016/05/teen_recovering_from_facial_ne.html

An Albertville 17-year-old is recovering from burns he received in his classroom Tuesday after a [classmate's e-cigarette battery overheated and exploded](#) in his face. Easten Brueggert was sitting in class at Albertville High School on Tuesday when the battery, which was in another student's pocket, began to burn the boy's clothing.

May 5, 2016   **Case Report: E-cig explosions involving oral cavity**
Electronic cigarette explosions involving the oral cavity
<http://www.ncbi.nlm.nih.gov/pubmed/27158079>

This case report aims to help clinicians gain an increased knowledge about e-cigarette design, use, and risks; discuss the risk of spontaneous failure and explosion of e-cigarettes with patients; and understand the treatment challenges posed by an e-cigarette explosion.

May 4, 2016     **Hole in back of throat, deep cuts on his hands and scars. Aluminum upper-part of frame shot into his throat**
N.Y. teen hospitalized after his e-cigarette explodes
<http://www.wfaa.com/news/nation-now/ny-teen-hospitalized-after-his-ecigarette-explodes/170912533>

OGDEN, N.Y. — A 17-year-old was hospitalized Tuesday night when the e-cigarette he was puffing on exploded, burning his face, throat and hand cutting them with shards of metal. Ryan Scholand of Ogden has a hole in the back of his throat, deep cuts on his hands and scars already forming on his upper lip.

May 4, 2016   **Facial injuries**
Man Airlifted After Vaping Product Explodes in Face
<http://www.vvng.com/man-airlifted-after-vaping-product-explodes-in-face/>

A man in his 50's was airlifted after a vaping product blew up causing facial injuries late Monday morning. At around 11:28 p.m. Hesperia Station Deputies and Medics from the San Bernardino County Fire Department responded to the 8200 block of Peach Avenue. ... Tabbetha Alvey told Victor Valley News that the injured man is her uncle and he had just purchased the "vape" the previous day. "It was brand new no mods at all done to it," said Alvey. ...

May 3, 2016     **Study: poisonings on rise in Iowa: nearly doubled in last 2 years**
E-cigarette, liquid nicotine calls to poison control centers double [VIDEO]
<http://www.kcci.com/news/ecigarette-liquid-nicotine-calls-to-poison-control-centers-double/39361582>

The number of electronic cigarette-related calls to the Iowa Poison Control Center has nearly doubled in the last two years. More than half of those calls are cases involving children under the age of 5. ...

May 3, 2016     **E-cig blew up in 10th grade class. Owner's leg slightly burned, another student struck after explosion and sent to hospital**

Albertville high school student burned by exploding e-cigarette

http://www.al.com/news/index.ssf/2016/05/albertville_high_school_studen.html

An Albertville high school student is recovering in the hospital after a vapor cigarette exploded in a 10th grade classroom Tuesday. Albertville City Schools Superintendent Ric Ayer said the vapor cigarette belonged to another student. He said that student was carrying it in his pants pocket when it started heating up and burning him. This burning got so bad the student took it from his pocket and put in on a nearby desk. The e-cigarette then reportedly exploded, hit the wall and struck another student, burning him. He was transported to a local hospital by ambulance.

- **Teen recovering from facial, neck burns caused by classmate's exploding e-cigarette battery**
http://www.al.com/news/huntsville/index.ssf/2016/05/teen_recovering_from_facial_ne.html

May 1, 2016  **Burns to left inner thigh and groin area, pulled pieces of battery's metal casing out of skin**

Local man injured by electronic cigarette battery explosion

http://www.newspressnow.com/news/local_news/article_f60d5ddc-5f4e-5253-8eb0-84504e546ac2.html

James Horn was working at Olive Garden in the back of the restaurant Saturday afternoon when a electronic-cigarette battery caught fire, and ultimately exploded in his pocket. ... He suffered burns to his left inner thigh and groin area, but did not go to the hospital, electing instead to treat himself....

- May 11, 2016 
Man Seeks Lawsuit After E-Cig Explosion: <http://www.digitaljournal.com/pr/2935656>
... 80% of exploding e-cigarette incidents have occurred while charging and only two reported incidents have occurred while an individual was actively vaping.

April 30, 2016  **Study: Immediate effects of e-cigs on the cardiovascular system as big as smoking a cigarette**

Important new study shows immediate effects of e-cigs on the cardiovascular system as big as smoking a cigarette

<https://tobacco.ucsf.edu/important-new-study-shows-immediate-effects-e-cigs-cardiovascular-system-big-smoking-cigarette>

While e-cigarettes deliver lower levels of carcinogens than conventional cigarettes, they deliver the same, or a more dangerous, amount of ultrafine particles than conventional cigarettes. Ultrafine particles trigger inflammatory processes that lead to heart and lung disease and can trigger heart attacks.

- April 4, 2016 **Acute impact of tobacco versus electronic cigarette smoking on oxidative stress and vascular function**
... A new, very well done study by Roberto Carnevale and colleagues, "[Acute impact of tobacco versus electronic cigarette smoking on oxidative stress and vascular function](#)," published in *Chest* on April 11, 2016, puts this argument to rest. They show that smoking *one* e-cigarette impacts the functioning of arteries as much as smoking a conventional tobacco cigarette in nonsmokers and smokers alike. ...

April 28, 2016  **Injuries to hand and leg**

Vaping device explodes in executive's pocket

<http://www.thestar.com.my/news/in-other-media/2016/04/28/vaping-device-explodes-in-executive-pocket/>

A bank executive was rushed to Assunta Hospital in Petaling Jaya on Wednesday night after his **vaping** device suddenly exploded in the pocket. The 31-year-old victim suffered injuries on his leg and hand. The man, who identified himself as Muzammel, said he has been vaping for six years but it was the first time the device exploded.

April 25, 2016  **Lost top layer of skin on leg, hands burned/blistered**

Hidden Hazard: E-Cig Batteries [VIDEO]

<http://www.13abc.com/home/headlines/Hidden-Hazard-E-Cig--377015541.html>

A nurse at Mercy St. Vincent Medical Center's burn unit said three patients have been treated since January 2016. 13abc's Brigitte Burnett sat down with one of Mercy St. Vincent's patients who is recovering from a serious burn on his thigh after he said an e-cigarette battery exploded in his pocket.

April 25, 2016  **2nd and 3rd degree burns to leg and hands**

Man burned when batteries to vape device explode

[VIDEO]

<http://www.fox5atlanta.com/news/132595190-story>

Kyle Petty is now in Grady's burn unit with second and third degree burns after the batteries to his vape mod exploded. Petty said he was sitting on his bed in his Chattahoochee Hills home, when suddenly the spare batteries to his vape mod he had in

his pocket burst into flames. "It was like fireworks going off. Then my pants caught on fire and the batteries were stuck to my leg. I grabbed them and they exploded in my hand," said Petty. ...

April 25, 2016  **Teen loses many bottom teeth, hole through tongue, on intubation to help breath**
Teen hospitalized after e-cig explodes in his face

<http://pasoroblesdailynews.com/local-teen-hospitalized-after-e-cig-reportedly-explodes-during-use/53099/>

17-year-old Daniel McClelland was using his e-cig as usual when it suddenly exploded inside the car, causing an impact which cracked the windows of the car he was in. ... He is expected to be kept on intubation until Monday, and hopes to help raise awareness about the terrifying risks that come with using e-cigs.

April 22, 2016  **Study: E-Cigarettes found to be 10 Times More Cancerous than Tobacco**
Smoking E-Cigarettes is 10 Times More Cancerous than Tobacco

<http://www.theweeklyobserver.com/smoking-e-cigarettes-is-10-times-more-cancerous-than-tobacco/11870/>

According to a recent study – that has nothing to do with the CDC/FDA – electronic cigarettes were found to be contain 10 times as much cancerous ingredients than a regular tobacco cigarette

April 20, 2016  **E-cig may have started car fire. No injuries.**
E-cigarette may have started car fire

<http://abc13.com/news/e-cigarette-may-have-started-car-fire/1300597/>

An e-cigarette may have started a car fire on Tuesday in suburban Illinois authorities said. ... Investigators say a "vape" e-cigarette was in the center console and that might have sparked the flames.

April 20, 2016  **Teen suffered 2nd and 3rd degree burns**
Exploding e-cigarette injures teen [VIDEO]

<http://ksn.com/2016/04/20/exploding-e-cigarette-injures-teen/>

The burning sensations on his legs and hand have worsened since an explosion literally set the Oklahoma teen's pants on fire Monday morning. "Imagine a fountain firework going off in your pocket," said Dunn, 19. "There were flames shooting out of my pocket and down my leg." The intense, burning reaction was the product of an e-cigarette in his pocket and coins he collected as change from a drink purchase on his way to work.

April 19, 2016  **3rd degree burns, scheduled for surgery LG Electronics lithium ion battery**
E-cigarette violently explodes in pocket of Queens woman, 26, leaving her with severe burns and device's battery lodged in car dashboard

<http://www.nydailynews.com/new-york/e-cigarette-violently-explodes-pocket-queens-woman-article-1.2607505>

A Queens variety store manager was badly burned when a battery for an electronic cigarette suddenly exploded in her jeans pocket with such force that it got stuck in the dashboard of her car. Katrina Williams, 26, of Richmond Hill, says she was driving home from a hair salon April 7 when the LG Electronics lithium ion battery blew up without warning, scorching her right leg, ripping skin off her knee and shredding her jeans. ...

April 19, 2016  **Study: E-cigs not healthier than combustible cigarettes**
Electronic Cigarettes Are Not Healthier

<http://www.mirrordaily.com/electronic-cigarettes-are-not/28445/>

The Thoracic Society of America founded a Committee for Tobacco Action that discovered that electronic cigarettes are not healthier than combustible cigarettes. Apparently Pfizer knew about this but refused to share the information, thus endangering the lives of thousands of individuals who believed e-cigarettes were healthy.

April 18, 2016  **Article about the dangers of exploding e-cigs**
The Explosive Dangers of E-Cigarettes

<http://statewideillinois.legalexaminer.com/2016/04/18/the-explosive-dangers-of-e-cigarettes/>

Over the past few years, news reports have mentioned cases where e-cigarette users have experienced an unexpected dangerous side effect of e-cigarettes. In one case, a 21-year-old Naples, FL man described using an e-cigarette when the e-cigarette exploded. The explosion left him with third degree burns to his face, esophagus, and lungs. Additionally, the e-cigarette explosion left battery acid in the young man's lungs. In another incident, a 29-year-old Colorado Springs, CO resident

suffered from shattered teeth, a broken neck, facial fractures, and burns to his mouth after his e-cigarette exploded while vaping.

April 15, 2016   **Review: health risk from passive exposure to e-cig vapor**

A systematic review of the health risks from passive exposure to electronic cigarette vapour

<http://www.phrp.com.au/issues/april-2016-volume-26-issue-2/a-systematic-review-of-the-health-risks-from-passive-exposure-to-electronic-cigarette-vapour/>

Our review found that the absolute impact from passive exposure to EC vapour has the potential to lead to adverse health effects. The risk from being passively exposed to EC vapour is likely to be less than the risk from passive exposure to conventional cigarette smoke.

April 14, 2016    **Teen blinded in his left eye, suffered potentially permanent damage to his hands.**

Boy, 14, blinded in one eye after e-cigarette he was trying at New York mall kiosk exploded in his face

[VIDEO]

<http://www.dailymail.co.uk/news/article-3540101/Boy-14-blinded-one-eye-e-cigarette-trying-New-York-mall-kiosk-exploded-face.html>

'The guy was showing me different products of the vaporizers. While he was showing me, he connected one of the vaporizers to the battery of the store. He gave it to me to hold and when I was holding it, it exploded in my hands and my face,' Leor said.

A 14-year-old boy has been blinded in one eye after an e-cigarette he was trying at a mall kiosk exploded in his face. Leor Domatov suffered a cut to his left cornea and severe hand injuries after the device blew up as he was holding it. Leor - who is too young to be sold e-cigarettes - was offered one by a worker at the Plaza Vapes kiosk at Kings Plaza mall in Brooklyn, New York

- April 15, 2016

More coverage: New York teen badly injured by exploding e-cigarette

<http://www.cbsnews.com/news/new-york-teen-badly-injured-by-exploding-e-cigarette/>

A teenage boy suffered serious injuries when an e-cigarette vaporizer he was holding blew up in his face.

April 12, 2016   **Study of lung damage**

E-cigarettes can cause damage to lungs within 30 mins

[VIDEO]

<http://www.dailymail.co.uk/health/article-3535995/E-cigarettes-instantly-damage-lungs-Devices-cause-inflammation-30-minutes-inhaling.html>

Electronic cigarettes have an immediate harmful affect on the lungs. After using a device, people had worst scores on tests for airway obstruction and ...

April 12, 2016   **Girls poisoned on school bus after ingesting drops of e-liquid on way to K-8 school. Will recover.**

Three students at Brockton's Davis School fall ill after ingesting vaping liquid, sent to hospital

<http://www.wickedlocal.com/article/20160412/NEWS/160419076>

BROCKTON - Two ambulances were sent to the Davis School in Brockton Tuesday morning when three female students fell ill after ingesting liquid nicotine. The Brockton Police received a call about three girls that were ill after ingesting the liquid while on the school bus on the way to school.

April 11, 2016   **Study on effects on pulmonary function**

E-cigarettes have immediate effects on pulmonary function

http://www.eurekalert.org/pub_releases/2016-04/acoc-ehi041116.php

Shanghai (April 11, 2016)-- E-cigarette smoking is increasingly promoted as a safer alternative to cigarette smoking, but a growing body of evidence points to its potential dangers. Adding to the evidence, researchers will report at CHEST World Congress this month on a study of e-cigarettes and the immediate effects on pulmonary function in healthy and mild asthmatic young smokers. ...

April 7, 2016   **Risk Analysis**

E(xploding) Cigarettes

<http://www.safetyresearch.net/blog/articles/exploding-cigarettes>

Introduced in 2003, and marketed in the U.S. in 2007, there are now roughly 466 brands of e-cigs offering at least 7,764 flavors. It's an estimated \$2.5 billion market supported by 2.5 million e-cigarette smokers. And increasingly, there are news

reports of the devices exploding in users' pockets, in their hands and in their mouths, resulting in severe burn injuries and lost teeth and eyes. ...

April 7, 2016    **2nd/3rd degree burns on leg.**

Man injured when his vape explodes

[VIDEO]

<http://www.fox10phoenix.com/news/arizona-news/118366996-story>

PHOENIX (KSAZ) - Otis Stovall says he was at work unloading a truck when his leg caught fire, he frantically tried to put it out, and now he's speaking out against the product he says left him with third-degree burns. Stovall, who is 22 started using a vape pen to stop lighting up, never thinking the vaporizer would light him up.

April 4, 2016  **E-cig exploded in home. No injuries.**

Pensioner describes moment e-cigarette exploded 'like a firework' in sheltered housing complex

<http://www.dailyrecord.co.uk/news/scottish-news/pensioner-describes-moment-e-cigarette-7687132#6YMgmbGcJsxBb8eb.97>

TRADING standards officers have issued a warning to e-cigarette users after the device exploded while being charged for the first time at the complex in Troon. A PENSIONER had a lucky escape after the e-cigarette he bought on holiday exploded while charging in his home.

March 30, 2016     **Charred left hand, thigh, knee and calf. Brought to burn unit.**

Electronic cigarette in terrified dad's pocket exploded 'like a roman candle' and left him unable to work

<http://www.manchestereveningnews.co.uk/news/greater-manchester-news/electronic-cigarette-terrified-dads-pocket-11113742>

Incident happened on Jan 30th. Colin Crow is taking legal action after an electronic cigarette exploded in his pocket, leaving him unable to work due to his injuries ... The burns to his hand resulted in temporary loss of movement and the ones to his left leg, which cover two thirds of his thigh, his calf and behind his left knee have left him unable to walk without considerable pain.

March 30, 2016    **Story about poisonings and bill to protect children, regulate sales, etc.**

Protect kids from e-cigarettes

<http://www.heraldnet.com/article/20160330/OPINION01/160339976>

At least 61 e-cigarette poisonings were reported to the Washington State Poison Control Center in 2015, about 50 of which involved children between the ages of 1 and 3 years. ... [The Senate on Monday passed legislation, Senate Bill 6328](#) that will bring the devices' retail sale under the supervision of the state Liquor and Cannabis Board, setting up a licensing system that will allow the state to track the sale and origin of the devices and the liquids they use.

March 29, 2016   **Brief story of vape pen explosion, hand burned.**

Feeling the burn ... of a vape-pen mishap

<http://www.sandiegoreader.com/news/2016/mar/29/waterfront-blotter/>

Burns to hand from a vape pen, at WaveHouse. 47 y/o male. Lifeguards and Fire Responded. Patient AMA private transport.

March 29, 2016    **Hand, face of e-cig owner burned. Bystander hit in chest, burned part of shirt and pants.**

E-cigarette explodes in Keene restaurant

http://www.sentinel-source.com/news/local/e-cigarette-explodes-in-keene-restaurant/article_fa81c331-fba6-5e7d-9988-4042c7f9bf18.html

Diners at a downtown Keene restaurant Easter Sunday got a scare when an e-cigarette exploded. "We thought a bomb went off ... that's how loud it was," said Timoleon's Restaurant owner Timoleon "Lindy" Chakalos. The e-cigarette left pencil-sized holes and black marks on the wall next to the customer, and melted a piece of tile on the ground, Davis said.

March 25, 2016   **Fire started in dorm bathroom. No injuries.**

Students evacuate University Village

<http://theorion.com/54656/news/students-evacuate-university-village/>

Shortly before midnight on Thursday, a fire alarm cued students to evacuate University Village. ... Captain of fire patrol Chuck Fry reported it was an accidental fire caused by a vape in the bathroom. The fire was extinguished upon the officials' arrival.

March 24, 2016  **Arguments mention potential danger of aerosol, potential fire concerns and battery explosions.**

Aircraft Smoking Ban Extended to e-Cigarettes

<http://www.ainonline.com/aviation-news/aerospace/2016-03-24/aircraft-smoking-ban-extended-e-cigarettes>

The U.S. DOT [extended the on-board smoking ban](#) to explicitly include electronic cigarettes (e-cigarettes) on all Part 121 air carriers, as well as FAR 135.107 unscheduled charters that require a flight attendant (aircraft with 19 or more passenger seats). The agency has always interpreted the existing smoking ban to prohibit e-cigarettes, but in 2011 issued an NPRM to codify this interpretation under DOT Part 252. ...

March 23, 2016      **1st/2nd degree burns on leg. Was carrying batteries in pocket.**

Orange Coast College student gets 2nd-degree burns after e-cigarette batteries ignite in pocket

<http://www.ocregister.com/articles/batteries-709292-coates-fire.html>

An 18-year-old is recovering from burns Tuesday after batteries for an e-cigarette ignited in his pants pocket and started a fire in Costa Mesa, officials said. Firefighters were called to the Orange Coast College campus at 4:14 p.m., where they found the student injured after another person put out the blaze, said Capt. Chris Coates of the Costa Mesa Fire Department.

March 21, 2016   **Pet Poison Helpline (Naples, FL) noted a 400% increase in pet poisonings.**

E-Cigarettes Dangers: E-Cigarettes Allegedly Poisonous For Pets

<http://www.parentherald.com/articles/30093/20160320/e-cigarettes-poisonous-to-pets-heres-why.htm>

E-cigarette users should be careful in using their vaporizers when there are pets around. Experts claim that the smoke emitted from these e-cigarettes are very poisonous for cats and dogs. Wink News reported that the Pet Poison Helpline in Naples, Florida has noted a 400 percent increase in pet poisonings linked to e-cigarettes. "It's a very real ...

March 19, 2016    **Warning article**

E-cigarette explosions can cause devastating injuries, doctors warn

[VIDEO]

<http://www.ctvnews.ca/health/e-cigarette-explosions-can-cause-devastating-injuries-doctors-warn-1.2824653>

With thousands of Canadians now vaping regularly, doctors are warning about one of the little-known risks of e-cigarettes: sudden explosions that can cause devastating injuries. Just last week, a teen in Kitchener, Ont., was taken to hospital with severe burns caused by a vaporizer that exploded inside the car he was driving. Sean McGrath was driving when the e-cigarette his friend was holding suddenly exploded, bouncing off the windshield and setting the dashboard on fire.

March 18, 2016     **Article about dangers. Injuries include: skin grafts, 2nd/3rd degree burns to hands/legs.**

3 men suffer serious burns from e-cigarette battery fires

<http://www.ems1.com/weird-news/articles/72121048-3-men-suffer-serious-burns-from-e-cigarette-battery-fires/>

In three separate incidents since late December, Pittsburgh area men have received severe burns when spare lithium-ion batteries sparked fires inside their pants pockets. Two required skin grafts to their thighs while another, spotting smoke rising from his pocket, reached inside and received second-degree burns to his hand.

March 17, 2016    **E-cigarette ignited in carry-on, quickly extinguished. No injuries.**

Delta Flight Delayed After E-Cigarette Ignites In Passenger's Carry-On

<http://abcnews.go.com/US/delta-flight-delayed-cigarette-ignites-passengers-carry/story?id=37710018>

Delta spokeswoman Ashley Black said, "During the boarding process of Delta Flight 689 traveling from ATL to STL around 7 p.m. Wednesday night, a customer's bag ignited from an e-cigarette. The bag was safely extinguished with no damage to the aircraft. T

March 15, 2016  **FYI - Vapor strong enough to set off fire alarms in airport. No injuries.**

E-cig forces evacuation of Austin airport

<http://wbay.com/2016/03/15/e-cig-forces-evacuation-of-austin-airport/>

Someone smoking an electronic cigarette in a restroom triggered two fire alarms at Austin Bergstrom (Texas) International Airport.

Mar 14, 2016   **Teen Minor injuries. Car has extensive damage**

E-cigarette explodes inside parked car, hurts local teen

KITCHENER — An e-cigarette explosion turned into a small car fire on Snowdrop Crescent in Kitchener Monday evening, leaving a teen with minor injuries and a car with extensive damage. Emergency crews arrived at the usually quiet suburban area to find 18-year-old Evan Williams lying on the road, struggling to breathe. He had leaned in to take a puff of his e-cigarette inside a parked car when it blew up.

March 10, 2016   **Warning article**

Keven Moore: Recent video begs the question — Just how safe are these new age electronic cigarettes?

<http://www.nkytribune.com/2016/03/keven-moore-recent-video-begs-the-question-just-how-safe-are-these-new-age-electronic-cigarettes/>

... It's been estimated that 80 percent of e-cigarette explosions happen during charging. One case study, from the American Journal of Medical Case Reports, looked into a February 2015 incident in New Jersey, and could not find a specific cause for the explosion that took place when the e-cigarette was stored in the user's pocket, however, they theorize "that poor design, use of low-quality materials, manufacturing flaws and defects, and improper use and handling can all contribute to a condition known as 'thermal runaway,' whereby the internal battery temperature can increase to the point of causing a battery fire or explosion...

March 9, 2016   **House burned down.** Possible cause of fire: e-cig or cell phone

County family loses home to fire

http://www.madisonvillemeteor.com/news/article_5b5d4ec6-e574-11e5-95ba-d300abddcd6f.html

A Madisonville family was displaced Friday morning by a house fire that destroyed their Derby Lane home. ... An investigation is ongoing but there was initial speculation that the blaze could have ignited by an electronic cigarette or a cell phone charging on a table. "The e-cigarettes have been known to ignite even when they're not charging," Jones said. "It spread pretty quickly. They heard a pop and opened the door to the living room, and the living room was on fire." ...

March 9, 2016     **3rd degree burns on leg.**

Las Vegas man badly injured after e-cig battery explodes

<http://www.ktnv.com/news/man-prepares-lawsuit-after-battery-explodes>

King said he had the battery for his vaping device in his left pocket when it exploded, ... His attorneys say the batteries used in the vaping devices are often ...

March 4, 2016  **Battery blew in apt. Shot like bullet. Burned all it touched. No injuries. Efest brand battery**

Local man says e-cigarette charger exploded on him, caught on fire

[Footage of previous explosion]

<http://www.wvlv.com/news/local-man-says-e-cigarette-charger-exploded-on-him-caught-on-fire/66623741>

NEW ORLEANS - Just days ago, video of a man's pocket catching on fire in a store went viral. It happened when his e-cigarette battery exploded. Now it's happened to a local man, who had never seen that video, and he says he, and his friends, barely escaped injury. Chef Casey Giardina, 28, and his friends had returned home after a weekend crawfish boil when he took out his e-cigarette to vape. "It exploded and took off in my hand just like a bottle rocket or a roman candle," said Giardina.

March 4, 2016  **Suffered burns**

Howard County man suffers burns after e-cigarette explodes in his pocket

[VIDEO]

<http://www.abc2news.com/news/in-focus/howard-county-man-suffers-burns-after-e-cigarette-explodes-in-his-pocket>

A Howard County man suffered burns after his vaping device exploded. Howard County Fire and Rescue responded to a Fulton address Wednesday, after receiving a 911 call that a man's vape exploded in his pocket. Crews took the man to Howard County General Hospital to treat his burns. ...

March 4, 2016  **2nd/3rd degree burns. Needs skin grafts on leg.**

Robbie Robson, from Aylesham, left with burns after e-cigarette batteries exploded in his pocket

<http://www.kentonline.co.uk/dover/news/e-cigarette-batteries-explode-in-mans-92018/>

An ex-smoker faces a skin graft in a burns unit after his e-cigarette batteries exploded in his pocket and set his trousers on fire. Robbie Robson suffered second and third degree burns to his legs when the Chinese-made hardware "went off like a firework".

...

March 4, 2016  **Op-ed piece about regulating due to various dangers.**

It's time to regulate e-cigarettes

<http://www.latimes.com/opinion/editorials/la-ed-0304-fda-ecigs-20160303-story.html>

Exploding hover boards may have gotten all the attention lately, but electronic cigarettes have also been showing a disturbing tendency to spontaneously combust, injuring a growing number of people whose devices have blown up in their faces or pockets. ... Although product liability lawsuits have been filed against the retailers and wholesalers, regulations would help stop injuries before they happen by giving the FDA the authority to require the devices to meet federal safety standards.

March 4, 2016  **Exploded in face, 2nd/3rd degree burns on chest, over 50 stitches in nose, lost his left eye, 9 days in hospital, 3 different surgeries. Jan 13th incident.**

Man loses eye after e-cigarette explodes

<http://www.wect.com/story/31386547/e-cigarette-explodes-man-loses-eye>

Christopher Richards said he took his first cigarette at the age of nine. By the time he was a teen, smoking cigarettes was a habit. Fast forward two decades later, Richards said he was looking for a way to kick the habit, so about two years ago he picked up an e-cig. ... "I remembered hearing a loud, almost like a bomb, and the car just started to fill up with smoke," Richards recalled.

March 4, 2016  **Op-ed mentions other nations & how they're handling issue of e-cigs/youth.**

We're unsure if e-cigarettes are harmful, but it still makes sense to restrict them

<http://theconversation.com/were-unsure-if-e-cigarettes-are-harmful-but-it-still-makes-sense-to-restrict-them-55777>

E-cigarettes have rapidly risen in popularity in recent years and are now the subject of heated debate as to whether they are effective in helping smokers quit tobacco or whether they are actually making smoking attractive to young people. Are they a way for Big Tobacco to protect its profits in markets where smoking is declining and lure people back into nicotine addiction or are they just a fashion that will quickly lose its appeal?

March 3, 2016  **Scarred eyes, burned skin. May need a cornea transplant.**

Vape Pen Explosion Victim Suffered Severe Burns

[VIDEO]

<http://denver.cbslocal.com/2016/03/03/vape-pen-explosion-victim-suffered-severe-burns/>

AURORA, Colo. (CBS4)— A teenager from the Denver metro area is recovering after a vape pen he was using exploded in his face. It happened on Jan. 3, but the 16-year-old is still receiving treatment for his badly burned skin and scarred eyes. She told CBS4's Kelly Werthmann that her son was home when it happened and the first thing she heard was a loud crash. Occurred Jan 3rd

March 3, 2016  **Blew up in car. Set interior on fire. No injuries.**

'The battery blew out like a rocket': Shocking images of teacher's car destroyed by exploding e-cigarette

<http://www.mirror.co.uk/news/uk-news/the-battery-blew-out-like-7484644>

A teaching assistant's £1,500 car was destroyed when her electronic cigarette exploded inside it while it was charging. Lindsay Dean, 27, was horrified when she rushed out of a lesson to find her [Volkswagen Polo](#) engulfed in flames. She said: "The battery had blown out like a rocket." It had fired over the driver's seat and into the back seat and [set light](#) to the interior of the car. ...

March 3, 2016  **Warning about dangers of exploding e-cigs.**

The exploding e-cigarettes toll: Users lose teeth and need skin grafts after spate of fires

<http://www.mirror.co.uk/news/uk-news/exploding-e-cigarettes-toll-users-7484194>

Around 2.2 million Brits smoke e-cigs and firefighters now attend at least one fire a week caused by the gadgets

The Local Government Association, which represents 49 fire and rescue authorities in England and Wales, said "vaping" was now a "major cause for concern"... LGA spokesman Jeremy Hilton said: "The number of fires caused by e-cigarettes is a major cause for concern. Firefighters all over the country are being called out to deal with these types of incidents more regularly. They seem to be happening every week, although the true figure is unknown as we understand many cases are going unreported. ...

March 3, 2016  **Effort to protect non-users from aerosol.**

New Department of Transportation rule will ban use of e-cigarettes on planes

<http://www.latimes.com/travel/deals/la-trb-dot-bans-e-cigs-20160302-story.html>

On Wednesday, the Department of Transportation announced a final rule banishing the use of the devices on commercial aircraft, including charters. The rule will go into effect 30 days after it is published in the Federal Register, which will be Friday. That would make its implementation date April 3, a Sunday. You can [download and read the rule here](#). "This final rule is important because it protects airline passengers from unwanted exposure to aerosol fumes that occur when electronic cigarettes are used onboard airplanes,"...

March 2, 2016  **Support of e-cig ban on planes.**

IL senator applauds DOT decision to ban e-cigs on airplanes

<http://www.kfvs12.com/story/31368478/il-senator-applauds-dot-decision-to-ban-e-cigs-on-airplanes>

WASHINGTON (KFVS) - U.S. Senators Dick Durbin (D-IL) and Richard Blumenthal (D-CT) applauded the Department of Transportation's announcement Wednesday that the use of electronic cigarettes on commercial flights will be explicitly banned. ...

March 1, 2016  **Warning about explosion and other health consequences/dangers.**

Is Vaping More Dangerous Than You Think?

<http://www.attn.com/stories/6259/vape-explosion-causes-third-degree-burns>

Marcus Forzani, a 17-year-old Colorado high schooler, is speaking out about the dangers of vaporizer pens after one reportedly exploded in his pocket last week, scorching his leg and hand. ...

March 1, 2016  **Warning article**

SAFETY ALERT: Exploding vapor pens [VIDEO]

<http://fox21news.com/2016/02/29/safety-alert-exploding-vapor-pens/>

A growing number of users are having their vape pens explode, causing serious injuries. One vape shop tells us this problem happens a lot more often than people in the industry want to admit. ...

March 1, 2016  **Warning article**

Everything You Need To Know About E-Cigarette Explosions

<http://www.techtimes.com/articles/137454/20160301/are-e-cigarettes-the-new-hoverboard.htm>

While CBS News went as far as to equate hoverboards with e-cigs (or, as they're also known, personal vapes) as the new product to watch out for (for safety ...

February 29, 2016  **Article about dangers**
Explosive lawsuit could light up e-cigarette industry

[VIDEO]

<http://abc7news.com/news/explosive-lawsuit-could-light-up-e-cigarette-industry/1224224/>

They're peaking in popularity, but are they sagging in safety? An explosive lawsuit could light up the e-cigarette industry. ... But explosions and fires from e-cigarettes are no surprise at all to the industry, or the ... E-cigarettes are sometimes billed as a safer alternative to real cigarettes ...

February 29, 2016  **Teen 2nd/3rd degree burns on hands/leg. Needed surgeries.**

Castle Rock teen suffers serious burns after vaporizer battery explodes in pocket

[VIDEO]

<http://kdvr.com/2016/02/28/castle-rock-teen-suffers-third-degree-burns-after-vaporizer-battery-explodes-in-his-pocket/>

CASTLE ROCK, Colo. -- A father and his teenage son are issuing a strong warning to others after 17-year old Marcus Forzani suffered second- and third-degree burns when a vaporizer batter exploded in his pocket. On Thursday, Marcus' leg was charred black and blistering over after he said a vaporizer battery exploded in his pocket while at school.

February 29, 2016  **10 days in hospital, lost feeling in leg, child nearby**

E-cigarette explodes in man's pocket 'like a rocket' - 'melting' his leg and missing his son by inches

[Footage of explosion]

<http://www.mirror.co.uk/news/uk-news/e-cigarette-explodes-mans-pocket-7464866>

A [shocking e-cigarette explosion](#) has been caught on camera - as a battery bursts into flames in a man's pocket just inches from his seven-year-old son. Mick Bennett, 47, was severely burned and spent 10 days in [Wythenshawe Hospital in Manchester](#), needing skin grafts. He has also lost some feeling in his leg due to nerve damage.

February 29, 2016  **Study: E-cigs more harmful than Hong Kong air. Flame retardant found in e-cigs.**

E-Cigarettes One Million Times More Harmful Than Air In Hong Kong, Chinese Study Finds

<http://www.ibtimes.com/e-cigarettes-one-million-times-more-harmful-air-hong-kong-chinese-study-finds-2327122>

Electronic cigarettes may be more dangerous than previously thought. E-cigarettes contained 1 million times more of a cancer-causing substance than heavily polluted Hong Kong air, a new study from Hong Kong Baptist University found. Researchers also discovered that the electronic devices contain a type of flame retardant that can affect the reproductive system and could lead to cancer, the [South China Morning Post reported Monday](#).

- More coverage on issue: <http://www.scmp.com/news/hong-kong/health-environment/article/1918571/million-times-more-harmful-outdoor-air-hong-kong>

Feb 27, 2016  **Story about frequency of explosions/fires.**

Frequency of E-Cigarette Explosions May Force FDA to Regulate

[VIDEO]

<http://abcnews.go.com/WNT/video/frequency-cigarette-explosions-force-fda-regulate-37251118>

... a bill to expand oversight of recreational use of electronic cigarettes. ... 80% of all fires involving electronic cigarettes it happened during the charging fees. ...

Feb 27, 2016  **2nd/3rd degree burns, skin grafts.**

Lad horrifically burned after e-cig bursts into 'exploding firework'

<http://www.dailystar.co.uk/news/latest-news/497502/lad-burned-after-ecig-bursts-into-flames-ecigarette-vaping-device-explosion-injury>

Alex Stojadinovic, 26, was severely scorched on his hands and legs when the device combusted as he was in his car. Alex, a social worker from Bedford, said that his device burst into a "foot long fire" and left him with second and third degree burns to his legs and hands. "I couldn't feel my left hand, my trousers were melted to my leg. I was black on my leg and hand," says Alex. He was hospitalised for a week and required skin grafts to help repair some of the damage caused.

Feb 26, 2016  **Caused minor fire. Was being charged with charger not provided by manufacturer.**

Electronic cigarette explodes while charging in Rochester apartment

<http://www.wmur.com/news/electronic-cigarette-explodes-while-charging-in-rochester-apartment/38217228>

The Rochester Fire Department is putting out a warning about electronic cigarettes after one exploded inside a man's Rochester apartment early Friday morning. ...

Feb 26, 2016  **2nd/3rd degree burns, skin graft needed, fingers burned. Was driving. Valley man recovering after e-cig explosion [VIDEO]**

<http://www.fox10phoenix.com/news/arizona-news/98062903-story>

... The only thing he had in his pocket were two batteries for his e-cig. He spent a week at the Maricopa Medical Center's Burn Unit, and doctors say he isn't the first. "It sounded like you had a pocket full of fireworks going off," said David Garcia. Garcia has 2nd and 3rd-degree burns mostly on his right leg. He spent seven days in the hospital, where doctors did skin grafts on his leg, and his fingers were also badly burned. He was driving when something in his pocket exploded.

February 26, 2016  **Severe burns on face, neck, and hands. Car destroyed. Woman severely burned in e-cigarette explosion [VIDEO]**

<http://www.winknews.com/2016/02/26/woman-severely-burned-in-e-cigarette-explosion/>

NAPLES, Fla.- A woman was severely burned on her face, neck, and hands when she says her e-cigarette exploded in her face Thursday night. Cassandra Koziol says she was in her car outside her home on Hickory Wood Drive using her e-cigarette when it exploded.

- April 14, 2016 **Naples woman may lose more teeth after e-cig explosion**
<http://www.abc-7.com/story/31728061/naples-woman-may-lose-more-teeth-after-e-cig-explosion>
- May 12, 2016 **Woman Files Lawsuit After Losing Teeth When E-Cigarette Explodes**
<http://www.digitaljournal.com/pr/2937503>

February 25, 2016  **Blog article/warning by Perez Hilton. Don't Look, Leo! A Vape Pen Exploded In This Man's Pocket [VIDEO]**

<http://perez Hilton.com/2016-02-25-electronic-cigarette-burns-leg-vape-explodes-convenience-store-scary-video#.Vs82yOao7Ms>

A man named Josh Hamilton — no, not the actor — was minding his own business over the weekend when he walked into a convenience store for a snack and walked out with third degree burns. Apparently, the Kentucky native was carrying an electronic cigarette in his pocket, and when he reached in to grab some change, the lithium ion battery exploded through his pants! ... Hundreds of reports have come in from all across the country of vapes exploding while in use, damaging mouths and hands — and yes, exploding in pockets when they aren't even in use!

February 25, 2016  **2nd/3rd degree burns on leg (two other stories in this article were previously mentioned). Engineer becomes victim of yet ANOTHER exploding e-cigarette battery**

<http://www.dailymail.co.uk/health/article-3463653/Engineer-victim-exploding-e-cigarette-battery-24-year-old-s-leg-set-fire-device-blows-pocket.html>

A 24-year-old has been left with horrific burns after an e-cigarette battery blew up in his pocket and set his entire leg on fire. Robbie Robson's leg went up in flames and a loud bang went off 'like a firework' as his fiance Kerry Anne watched on and screamed in shock. The civil engineer suffered second and third degree burns and may require surgery ...

February 25, 2016  **Story about exploding e-cigs. Fire explosions linked to e-cigarettes spark safety concerns**

<http://www.cbsnews.com/news/e-cigarettes-fire-hazards-lithium-ion-battery-american-vaping-association/>

...But vaping advocates maintain that reports of explosions from e-cigarettes are rare. In a statement, the American Vaping Association said: "When charged and used under proper conditions, vapor product batteries pose no more of a fire risk than similar lithium-ion batteries that are used in cell phones and laptops." ...

February 24, 2016  **E-cig blew up and hit him in the face while driving. Not injured. Cecil County man says e-cigarette exploded in his face [VIDEO]**

<http://www.abc2news.com/news/in-focus/cecil-county-man-says-e-cigarette-exploded-in-his-face>

... Dwayne Cahill says he was driving while smoking his e-cigarette when it got extremely hot and the battery blew out. He says the end of the battery hit him in the face and that it could have been much worse. ...

Feb 24, 2016   **Article about introduced Air Freight Ban. Dangers of fires on planes mentioned.**

Problems with Lithium Batteries Persist as Air Freight Ban Introduced

http://www.handysippingguide.com/shipping-news/problems-with-lithium-batteries-persist-as-air-freight-ban-introduced_6997

The International Civil Aviation Organization ([ICAO](#)) Governing Council has adopted a new aviation safety measure prohibiting, on an interim basis, all shipments of lithium-ion batteries as cargo on passenger aircraft. The prohibition of lithium-ion cargo shipments on passenger aircraft has been eagerly awaited by industry associations, with long-time advocates, the Air Line Pilots Association ([ALPA](#)), welcoming the move to mitigate what it has previously called the 'most pressing hazmat safety issue' in the aviation community.

February 24, 2016  **Research about antibiotic-resistant pathogens in ecigs.**

Steer clear of antibiotic-resistant pathogens by not vaping

<http://www.idahostatesman.com/living/health-fitness/article62302042.html>

Researchers at UC San Diego School of Medicine recently did a lab-based test on the effects of e-liquids from seven manufacturers. Their study published in the Journal of Molecular Medicine found that daily inhalation of e-cig vapors triggers inflammation, kills off cells in your airways and lungs, and boosts the virulence of bacteria. ...

February 24, 2016     **3rd degree burns on leg.**

VIDEO: E-cigarette explodes in man's pants

[Footage of explosion]

<http://www.valleynewslive.com/home/headlines/VIDEO-E-cigarette-explodes-in-mans-pants-369968501.html>

OWENSBORO, KY (Valley News Live) - Surveillance video from a convenience store in Kentucky captures the possible dangers associated with e-cigarettes. As the man stands at the counter, you can see fire shooting out of his pants pocket as he desperately tries to put them out. He says a battery from his e-cigarette exploded while he was at a register.

February 24, 2016   **No injuries. Warning against having change/keys in pocket with e-cigs.**

E-cigarette blows up at Lyndhurst plastic surgery office

[VIDEO]

<http://www.newsnet5.com/news/local-news/cleveland-metro/e-cigarette-blows-up-at-lyndhurst-plastic-surgery-office>

The Lyndhurst Fire Department responded to call at a plastic surgeon's office where an e-cigarette blew up in an employees pocket. ... Many hospitals and medical offices have banned e-cigarettes. newsnet5.com asked employees at the plastic surgeon's office, where this happened, if this will change their policies. They wouldn't comment.

February 22, 2016      **Burns to leg. Might have nerve damage. Child present.**

Mum's legs badly burned after e-cig battery EXPLODES in her handbag

<http://www.thesun.co.uk/sol/homepage/news/6948117/Mums-legs-badly-burned-after-e-cig-battery-EXPLODES-in-her-handbag.html>

A MUM has been left with horrendous burns after an e-cigarette battery EXPLODED and set fire to her legs. Scorched Jana Barker had her seven-year-old daughter Janka in the back of her car, when the fake fag battery "went off like a firework" and engulfed her bag in flames. With a deafening bang the explosion also set fire to the back seats of the Peugeot 306.

February 22, 2016     **3rd degree burns, needed skin graft. battery made by E-cig firm E-Fest Power**

'My leg went up like a flare' Bloke suffers horrific burns from pocket explosion

[VIDEO]

<http://www.dailystar.co.uk/news/latest-news/496278/E-cigarette-battery-third-degree-burns-pocket-explosion>

Wullie Scott's says his e-cigarette exploded in a terrifying blast at his mum and dad's kitchen. \ He had burns as far down to his shin and even his wrist from trying to beat out the flames. The 34-year-old, who needed a skin graft, had been visiting his

February 20, 2016     **Article: 4 patients since October.**

E-cigs are exploding in vapers' mouths, leaving gruesome injuries

<http://www.seattletimes.com/seattle-news/health/exploding-e-cigarettes-send-vapers-to-harborview-with-gruesome-injuries/>

Burn and trauma experts at Seattle's Harborview Medical Center have treated four patients just since October with face and hand injuries that occurred in e-cigarette explosions. It's part of a worrisome national trend, officials say.

- Last December, 24-year-old Daniel Pickett was driving when the e-cigarette he was holding exploded and tore his hand and arm. Pickett, of Cashmere, Chelan County, was rushed to a local hospital but had to be sent by air ambulance to Seattle. Had five surgeries, skin grafts from forearm and elbow. Hope to regain use of right hand.
- In October, a 24-year-old man lost his eight front teeth, top and bottom, to the blast, plus oral surgery later to remove four more. He suffered cuts to his lips and gums, plus burns to his right eye.
- In November, a 24-year-old woman suffered tears to her nose and upper lip when an e-cigarette explosion ripped out her nose ring. Such wounds are difficult to repair and could result in permanent scarring, Brownson said.
- This month, a 25-year-old man working in an e-cigarette shop suffered second-degree burns to his face and right hand when a device blew up.

February 19, 2016    **2nd degree burns on hand and leg.**

Utah man burned by exploding battery urges other e-cigarette users to be cautious

[VIDEO]

<http://fox13now.com/2016/02/19/utah-man-burned-by-exploding-battery-urges-other-e-cigarette-users-to-be-cautious/>

SALT LAKE CITY -- Some Utahns are learning the painful way that e-cigarette batteries and metal objects can be a hazardous combination. Car keys, a money ... Austin Mark said he was on his lunch break and put some change in his pocket, and shortly after that he was rushed to a hospital. ...

February 18, 2016    **2nd/3rd degree burns on leg. Needed skin graft.**

'My leg was covered in fire' Young father scarred for life after e-cig battery EXPLODES

<http://www.express.co.uk/news/uk/645326/young-father-covered-in-fire-scarred-for-life-e-cig-battery-explodes-in-pocket>

A YOUNG father has been left scarred for life after an e-cigarette battery exploded "a firework" in his pocket. Dan Walker, 20, was in a shop when his trousers burst into flames at around 3pm on Saturday. He tried to pull down his jogging bottoms and shoppers were forced to roll him on the ground to extinguish the fire.

February 17, 2016    **1st, 2nd, and 3rd degree burns on leg.**

Utah man says he suffered third-degree burns after e-cigarette exploded in his pocket

[VIDEO]

<http://fox13now.com/2016/02/17/utah-man-says-he-suffered-third-degree-burns-after-e-cigarette-exploded-in-his-pocket/>

A southern Utah man is claiming his e-cigarette exploded in his pocket on Monday. "I was told that I have first, second and third-degree burns on my leg," said Brian Musgrave. A hole is burned through his jeans and his leg is heavily bandaged. He says the e-cigarette unit had been on a smart charger.

February 12, 2016     **UPDATE to January 28th story. Lawsuit.**

Man whose e-cigarette exploded sues manufacturer and store

The Union Leader - February 12, 2016

<http://www.unionleader.com/Man-whose-e-cigarette-exploded-sues-manufacturer-and-store>

A lawsuit has been filed against the manufacturer of and the store that sold a vapor cigarette that exploded in a Moultonborough man's pocket last month, causing second- and third-degree burns. ...

February 11, 2016   **Warning: Tells of various incidents.**

Warnings after 'cheap' e-cigarette explodes in man's face 'like a firework'

<https://au.news.yahoo.com/technology/a/30789873/warnings-about-cheap-e-cigg-batteries-overheating-and-exploding-causing-injuries-and-fires/>

There are new warnings for e-cigarette users after batteries in a number of cheaper products have exploded in users faces. Cheap and inferior e-cigarettes have flooded the market as more smokers take up vaping in an effort to quit tobacco. ... "It was exactly like a firework – you would've thought it was a firework," Mr Paterson said. ...

February 10, 2016   **Warning: Tells of various incidents.**

Vape Pens and E-Cigs Are Blowing Up. Like, Literally

<http://www.wired.com/2016/02/exploding-e-cigs-and-vape-pens/>

Some people hail vaping as a [safer alternative](#) to cigarettes, arguing that there's no tobacco smoke, so it's got to be safer. It remains to be seen if that's true, and there is some evidence that [the stuff inside vapes and e-cigs](#) is toxic. But beyond that, there's the fact these things occasionally blow up. You hadn't heard about this? Some pretty gruesome reports are starting to pile up.

February 9, 2016    **Suffered burns.**

Derbyshire man hospitalised after e-cigarette battery overheated in pocket

<http://www.buxtonadvertiser.co.uk/news/local/derbyshire-man-hospitalised-after-e-cigarette-battery-overheated-in-pocket-1-7723273>

A Chesterfield man had to go to hospital with burns after a faulty e-cigarette battery overheated in his pocket. The loose batteries, which are from a trader in Nottinghamshire, overheated in the man's pocket, burning him and damaging his clothing as well - leaving him needing hospital treatment,

February 7, 2016    **Story about exploding e-cigs. No one is keeping track of explosions.**

Man (22) 'lucky' to be alive after e-cigarette explodes in his mouth

<http://www.independent.ie/world-news/europe/man-22-lucky-to-be-alive-after-ecigarette-explodes-in-his-mouth-34430659.html>

A 22-year-old man says he's lucky to be alive after his e-cigarette exploded in his mouth and caused considerable burns to his mouth and hands. Ryan Bailey suffered a terrifying experience when his e-cigarette exploded while he was smoking it.s ...

February 7, 2016     **Burns to lips and hand, damage to teeth, 4 operations on hand including skin graft.**

E-cigarette Explosions: CBS12 uncovers government agencies ignoring fire dangers

<http://cbs12.com/news/cbs12-investigates/e-cigarette-explosions-cbs12-uncovers-government-agencies-ignoring-fire-dangers>

CBS12 Investigates found there is no federal government agency keeping track of the electronic cigarette explosions. We questioned the lack of oversight after we found numerous cases of people getting seriously hurt when their e-cigarette exploded. ...

February 4, 2016     **3rd degree burns to hands and face, lacerations, flash burn to eye, pain in lungs from inhaling fumes and debris. Kennedy Atomizer**

(Dec 20th incident) Pismo man sues after he's injured by exploding e-cigarette

<http://www.newtimeslo.com/news/13377/pismo-man-sues-after-hes-injured-by-exploding-ecigarette/>

A Pismo Beach man who says he was severely injured by an exploding e-cigarette filed a lawsuit against the device's manufacturer, and the local shop that provided it to him. According to the lawsuit, Darin Dyroff suffered third-degree burns to his hands and face, as well as other injuries, as a result of the explosion.

February 3, 2016  **Explodes in jacket pocket**

E-cigarette explodes in teacher's jacket pocket

[Footage of explosion]

<http://www.actionnewsnow.com/news/e-cigarette-explodes-in-teacher-s-pocket/>

There's no known location or name with this video.

February 3, 2016     **Teeth blown-out, needs root canals, blew-out large chunks of jaw bone**
Missoula teenager loses teeth to exploding e-cigarette

<http://www.ktvh.com/2016/02/missoula-teenager-loses-teeth-to-exploding-e-cigarette/>

With increasing stigmas surrounding cigarettes, many smokers have replaced their tobacco with electronic cigarettes or vaporizers. But while e-cigarettes are often marketed as a safer alternative to tobacco, some devices have been known to explode. ... A Missoula teenager's e-cigarette recently exploded while he was using it, causing massive damage to his mouth. A Missoula dentist who saw the aftermath said the trauma was worse than the results of any car accident he had ever seen.

February 2, 2016   **Article: refers to exploding e-cigs**

In a heartbeat: Electronic cigarette use among young people

<http://triblive.com/news/healthnews/9885031-74/battery-cigarettes-cigarette>

Electronic cigarette use among young people has surpassed traditional cigarette use, according to data from the Centers for Disease Control and Prevention. The increased popularity comes with risks, because their batteries have been known to explode ...

February 1, 2016   **Article refers to exploding e-cigs**

John Seven: We overlook real risks — like exploding e-cigarettes

http://www.berkshireeagle.com/columnists/ci_29459413/john-seven-we-overlook-real-risks-like-exploding

... exploding cigars have made a comeback in the form of exploding e-cigarettes. One was an incident in Canada involving a 16-year-old and resulting in face burns and broken teeth. The other was in Germany, resulting in the same. One quick search and I found a yet another recent incident, this one in New Hampshire, but this time, it was just his e-cigarette battery that was in his pocket...

January 29, 2016    **Warning: House fire of a firefighter**

Blaze hazard at Essex firefighter's home prompts warning over ...

<http://www.hertsandessexobserver.co.uk/Blaze-hazard-Essex-firefighter-8217-s-home/story-28631146-detail/story.html>

Make sure that e-cigarettes are bought from a reputable source and are used and charged in accordance with manufacturer's recommendations. Keep electrical ...

January 29, 2016   **Story: 4 e-cigarette-related incidents since December**

Colorado vapers burned by exploding e-cigarettes

http://www.denverpost.com/news/ci_29450686/colorado-smokers-have-been-burned-by-exploding-e

Electronic cigarettes are being championed as safer alternatives to old-school tobacco, but some users - and one top Colorado doctor - say e-cigarettes can explode and cause serious burns. Dr. Anne Wagner, medical director of the [University of Colorado Hospital Burn Center](#) in Aurora, treated Shonkwiler and said she has seen four e-cigarette-related burns at the burn center from December to early January...

  ^ January, 13, 2016 **battery rubbed up against a coin**

Alexander Shonkwiler, 19, is recovering in his mom's house in Colorado Springs after an [e-cigarette](#) battery charred the 19-year-old's right leg so badly he needed skin grafts. Shonkwiler began using e-cigs to help him break his pack-a-day habit. "Now, I'm totally on the fence about them (e-cigarettes)," Shonkwiler said. "It was a totally freak accident. But I also have that fear I'm going to blow my face off. I might just go cold turkey instead."

January 29, 2016   **Article/Warning**

Watch out for Exploding E-Cigarettes

<http://www.natlawreview.com/article/watch-out-exploding-e-cigarettes>

Healthy, right? Safe alternative to tobacco cigarettes, right? Well, increasingly, there is evidence nationwide that while smoking tobacco cigarettes is a long-term threat to one's health, using some e-cigarettes may subject the user to sudden catastrophic injury resulting from e-cig explosions and fires. All across America, from big city to small town, from highly educated professionals to blue collar workers, sudden and catastrophic e-cigarette explosions are happening with increased frequency. ...

January 29, 2016    **Teeth blown out, facial injuries.**

E-cigarettes: Man's teeth blown out while smoking e-cigarette

<http://metro.co.uk/2016/01/29/mans-teeth-blown-out-while-smoking-e-cigarette-5651956/>

A man lost a number of teeth and suffered serious facial injuries when an e-cigarette exploded in his mouth. The battery blew up while the 20-year-old German man was inhaling from it, according to police in Cologne...

January 29, 2016      **Flames burned shoulder and face.**

Veteran Don George is permanently scarred after e-cigarette exploded

[VIDEO]

<http://www.dailymail.co.uk/news/article-3422869/Flames-came-shooting-bottom-Veteran-34-permanently-scarred-e-cigarette-exploded-near-face.html>

An Air Force veteran filed a lawsuit on Thursday after he says he was badly burned by an e-cigarette. Don George of Los Angeles, California is suing the Lancaster store where he bought an e-cigarette that allegedly exploded, causing him physical harm. 'The actual flames singed my face,' ...

January 29, 2016      **Teeth and braces fell out, lacerations to lip and tongue**

E-cigarette Explodes in Calif. Teen's Mouth

Firehouse.com (press release) (registration) (blog) -

<http://www.firehouse.com/news/12163789/e-cigarette-explodes-in-calif-teens-mouth>

An electronic cigarette exploded in a 15-year-old Windsor boy's mouth, causing him to lose about a half-dozen teeth, police and fire officials said. ... "His teeth literally fell out with braces on them," Foreman said. "He had lacerations to his lip and tongue. It literally exploded in his mouth." ...

January 28, 2016    **2nd/3rd degree burns to hand and leg. Shenzhen Kanger Technology Co. of China**

Man Suffers Second-Degree Burns After E-Cigarette Battery Explodes

<http://www.techtimes.com/articles/128256/20160128/man-suffers-second-degree-burns-after-e-cigarette-battery-explodes.htm>

A 26-year-old man suffered severe burns on his hands and legs after the battery of an e-cigarette exploded in his pocket while he was at his workplace at Tilton, New Hampshire. ... Gilson, an employee at the store that assembled his vaporizer, underwent his second surgery last Monday and received multiple skin grafts. His recovery is expected to take months. ...

January 28, 2016   **Article on exploding e-cigarettes**

Exploding e-cigarettes? Here's what Canadians need to know

[VIDEO]

http://www2.ljworld.com/weblogs/heard_hill/2016/jan/26/student-senate-hosting-public-forum-on-e/

The case of an Alberta teen who claims an e-cigarette exploded in his face is raising new questions surrounding regulations on a product that's grown from a niche market to the mainstream. ... While explosions or fires from e-cigarettes are extremely rare they are not unheard of. ...

January 27, 2016   **Research: E-cigarettes can kill lung cells**

E-cigarette can directly kill lung cells

<http://www.thestatesman.com/news/science-and-tech/e-cigarette-can-directly-kill-lung-cells/119372.html>

A team of US researchers has found that e-cigarettes are toxic and can directly attack lung cells, weakening the immune system and boosting bacterial virulence. ...

January 26, 2016  **Research: E-cigarettes can dampened immune system**

E-Cigarette Vapor Boosts Superbugs and Dampens Immune System

<http://www.newswise.com/articles/e-cigarette-vapor-boosts-superbugs-and-dampens-immune-system>

... San Diego School of Medicine and Veterans Affairs San Diego Healthcare System report data suggesting that e-cigarettes are toxic to human airway cells, ...

January 26, 2016     **2nd/3rd degree burns, fractured teeth.**

Alberta teen injured after he says e-cigarette exploded

[VIDEO]

<http://globalnews.ca/news/2479197/alberta-teen-injured-after-he-says-e-cigarette-exploded/>

Lethbridge, Alta. - An Alberta teen is facing a long and expensive recovery after being injured when he says an e-cigarette blew up on him. According to Ty Greer, he and a friend were smoking an e-cigarette when Ty said it exploded in his mouth. Pictures of the teen reveal charred, blackened skin and fractured teeth.

January 26, 2016    **Severe burns to hand, wrist and fingers.**

Bartender, 21, suffered agonising 2nd degree burns when e-cig he bought off eBay exploded in a fireball as he used it

<http://www.dailymail.co.uk/news/article-3417305/Bartender-21-suffered-agonising-second-degree-burns-e-cigarette-bought-eBay-exploded-fireball-using-it.html>

'My first reaction was to try and stamp out the vape. Part of me was scared that if I touched it I would cause a further explosion, but I couldn't let the flame rage on ...

January 26, 2016   **Lawsuit from October 28, 2015 incident.**

Lawsuit Claims E-cigarette Exploded, Burned Naples Man's Throat, Lungs

<http://www.dailybusinessreview.com/id=1202747968606/Lawsuit-Claims-Ecigarette-Exploded-Burned-Naples-Mans-Throat-Lungs?mcode=1202615581416&slreturn=20160026120546>

Naples resident Evan Spahlinger was using his electronic cigarette normally when it exploded in his face last October, searing off his eyebrows and sending flames down his throat. The 21-year-old was rushed to the hospital and sedated so medical personnel could address the burns to his throat and lungs, which threatened to close his airway. "

- Video coverage: <https://www.youtube.com/watch?v=xu13u-jWag>

[VIDEO]

January 26, 2016    **2nd and 3rd degree burns**

New Hampshire man burned by exploding vaporizer battery

http://www.masslive.com/news/index.ssf/2016/01/new_hampshire_man_burned_by_ex.html

TILTON, NH – A New Hampshire man who suffered second and third-degree burns after a vaporizer battery exploded in his pocket is now recovering in a Boston hospital, his family told [WMUR News](#). ...

January 25, 2016    **Study: Respiratory problems in e-cigarette users.**

Respiratory Problems Another Potential Hazard for E-Cigarette Users

<http://www.natlawreview.com/article/respiratory-problems-another-potential-hazard-e-cigarette-users>

[A recent study published by JAMA Pediatrics](#) questioned the safety of e-cigarettes. The study sampled over 45,000 children from Hong Kong with an average age of 15 years old and revealed that 40% of teenagers who smoked either traditional cigarettes or e-cigarettes suffered from various respiratory symptoms when compared to those who have not smoked either traditional or electronic cigarettes. ...

January 24, 2016   **Teen recovering after inhaling cannabis oil bought online.**

Cannabis vaping teen 'recovering well' in hospital

A teenager who was hospitalized after inhaling cannabis oil she bought online is "recovering well". The 18-year-old was taken to Gloucestershire Royal Hospital on Friday. Police said she became seriously ill after she bought a product containing oil derived from cannabis plants which can be inhaled through a vaporizer.

January 22, 2016   **Split eyelid in two. Children present. EFEST batteries**

Young mum scarred for life after a e-cig EXPLODES in her face – splitting her eyelid in two

<http://www.thesun.co.uk/sol/homepage/news/6879630/Young-mum-scarred-for-life-after-a-e-cig-EXPLODES-in-her-face-splitting-her-eyelid-in-two.html>

A PRETTY young mum was left scarred for life after an e-cig exploded in her face - splitting her eyelid in two. Kirby Sheen needed plastic surgery after the device blew up while she was changing the battery. ...

January 21, 2016      **Lost teeth, wired jaw.**

Man loses teeth, jaw wired together after e-cig explodes

<http://www.winknews.com/2016/01/21/man-loses-teeth-jaw-wired-together-after-e-cig-explodes/>

A man lost eight teeth and had to have his jaw wired after he said his e-cigarette exploded in his face. ... In October 2014, FEMA and the U.S. Fire Administration released a study on e-cigarettes. They found there were 25 different incidents of explosions or fires that ...

January 21, 2016      **Lost teeth, burns to hands and face. Fire in bedroom.**

Man has teeth knocked out after e-cigarette EXPLODES in his mouth causing bedroom fire

<http://www.mirror.co.uk/news/uk-news/man-teeth-knocked-out-after-7213664>

The victim had been using the electronic device he bought from a friend down the pub in his bedroom when it exploded and knocked out three of his teeth. Emergency services were called to the property in Telford, Shropshire, at 12.40pm today and he was rushed to the town's Princess Royal [Hospital](#).

January 18, 2016    **Severe burns. 3 year-old in house at the time. Eleaf Istick**

Man's horrific injuries after e-cig battery exploded while he slept

<http://metro.co.uk/2016/01/18/mans-horrific-injuries-after-e-cig-battery-exploded-while-he-slept-5628832/>

Kevin Woodward, 30, revealed how he felt a "blow torch" was being held to his face when his **Eleaf Istick** blew up. Kevin had put the vaping device, manufactured in China, on charge overnight when it caught fire. He told how the blaze was "like a horror movie". And his three-year-old son Taylor James is also lucky to be alive after getting out of the bed just hours earlier. Despite being in agony, Kevin frantically managed to extinguish the flames with a pillow before escaping the family home...

January 14, 2016   **Emergency landing. Smoke in cargo area caused by overheated e-cigarette.**

Hawaiian Airlines flight makes emergency landing after e-cigarette scare [VIDEO]

<http://www.kitv.com/story/30961500/hawaiian-airlines-flight-makes-emergency-landing-after-e-cigarette-scare>

There was a scare in the air for 128 passengers aboard a Hawaiian Airlines flight when a light indicated there was smoke in the cargo area. The plane was on the way to Maui from Honolulu. It made a safe landing on Maui yesterday. A spokesperson for the airline says when firefighters checked the cargo area, two bags appeared to be damaged by an e-cigarette in a passenger's checked luggage.

January 13, 2016  **ARTICLE about e-cigs. Makes references to injury story.**

E-Cig Explosion Almost Paralyzes Tennessee Man:

<http://sanfrancisco.legalexaminer.com/defective-dangerous-products/e-cig-explosion-almost-paralyzes-tennessee-man/>

- So why do E-cigarettes have such a passionate following, when it seems that every week we learn of more and more exploding batteries and injuries? As a dangerous and defective products attorney, it is my duty to inform the public of potential dangers in using certain products and how to avoid injury...
- Cordero Caples, a 29 year old man from Tennessee is in the hospital after an [electronic cigarette exploded in his face](#) this past Friday. Mr. Caples suffered a fractured vertebra, facial fractures, and at least one missing tooth in the sudden explosion. And to make matters worse? The injuries he sustained from the explosion may leave him permanently paralyzed, never to walk again.

January 12, 2016  **Study: alcohol content high**

Alcohol in e-cigs Can Affect Motor Skills

<http://www.healthnewsdigest.com/news/smoking%20issues0/Alcohol-in-e-cigs-Can-Affect-Motor-Skills.shtml>

Some commercially available e-cigarettes contain enough alcohol to impact motor skills, a new Yale University School of Medicine study shows. E-cigarettes deliver nicotine by vaporizing liquids, which often contain alcohol and other chemicals in addition to nicotine. In the new study, published in the journal Drug and Alcohol Dependence, researchers tested subjects who used two commercially available e-cigarettes with liquids containing either high (23.5%) or low (0.4%) amounts of alcohol. ...

January 11, 2016     **3rd degree burns.**

Man Suffers Third Degree Burns When E-Cigarette Battery Bursts [VIDEO]

<http://dfw.cbslocal.com/2016/01/11/man-suffers-third-degree-burns-when-e-cigarette-battery-bursts/>

A Wise County father was taken to Parkland Hospital in Dallas with second and third degree burns after a battery from an e-cigarette caught fire in his pocket. Jeremy Green, 34, thought e-cigarettes would be a healthier smoking alternative when he started using them a few years ago. "I've done it every day for a long ...

January 11, 2016     **Teen 3rd degree burns on stomach and upper thigh and knee,**

He Was Taking a Break & Went to Make a Sandwich. Then He Felt a 'Fountain of Fire' in His Pocket

<https://www.ijreview.com/2016/01/512574-he-was-taking-a-break-went-to-make-a-sandwich-then-he-felt-a-fountain-of-fire-in-his-pocket/>

In an effort to quit smoking, Garrett Preston turned to a popular trend to curb his cravings for a cigarette. But, as [KVAL News](#) reports, the 19-year-old's personal vaporizer, or "vape mod," turned out to be even more of a health hazard itself. Patterson recalls making a sandwich after finishing his first full shift at Dunkin Donuts, when he suddenly felt a "fountain of fire" bursting from his left pocket. ...

January 11, 2016     **2nd and 3rd degree burns on thumbs and his left leg Munstro Mod e-cigarette was manufactured/sold by the Vapor Spot**

Did e-cigarette explode in his pocket? User sues manufacturer, seller

<http://mynews1a.com/uncategorized/2016/01/11/did-e-cigarette-explode-in-his-pocket-user-sues-manufacturer-seller/>

A man sued the manufacturer and seller of an e-cigarette Monday, saying that he suffered serious burns after the battery in the device exploded in his pocket. Kevin Endo filed the products liability suit in Los Angeles Superior Court against the Vapor Spot. The suit seeks unspecified damages. ...

January 7, 2016   **Study on exploding ecigs**

Oral trauma and tooth avulsion following explosion of e-cigarette *Journal of Oral and Maxillofacial Surgery*

<http://www.joms.org/article/S0278-2391%2816%2900009-4/abstract>

E-cigarettes, or personal vaporizers, were introduced in 2003 and have been available in the United States since 2007. In addition to the health and safety concerns of the aerosol delivery of nicotine through E-cigarettes, during the past 8 years, reports of explosions and fires caused by the E-cigarette devices have led the US Fire Administration to evaluate the safety of these devices. These explosions have been observed frequently enough that the US Department of Transportation has recently

banned E-cigarette devices in checked baggage aboard airplanes. This report contributes to existing knowledge about the hazards related to E-cigarettes by describing oral hard and soft tissue injuries from an E-cigarette explosion.

January 6, 2016    **Facial injuries.**

E-Cigarette Explodes Causing Crash On I-65

<http://www.wbiw.com/local/archive/2016/01/e-cigarette-explodes-causing-crash-on-i-65.php>

was traveling north on I-65 in a 2010 Freightliner when his electronic cigarette he was smoking malfunctioned and exploded injuring Starainich's face. He then lost control of the semi, causing it to go off the right side of the roadway striking a guardrail

2015

December 9, 2015     **2nd/3rd degree burns on leg, child present, coins were in pocket**

'I'd rather have lung cancer': E-cigarette battery explodes in man's pocket

<http://fox17online.com/2015/12/08/id-rather-have-lung-cancer-e-cigarette-explodes-in-mans-pocket/>

GRAND RAPIDS, Mich. – A man horribly injured after an e-cigarette battery exploded in his pocket is left with second and third degree burns on his leg, now warning others about the dangers he claims were never given to him. Daniel Gosset, 25, was changing his son's diaper when he felt a warm sensation creeping down his leg.

December 8, 2015   **Eight stitches to head**

<http://kfor.com/2015/12/08/blood-just-pouring-down-e-cig-explodes-in-oklahoma-mans-face/>

"Blood just pouring down," E-cig explodes in Oklahoma man's face

A young man was taken to the hospital early Tuesday morning after his e-cigarette exploded. "Eight stitches," Zach Quickel said. "I was loading more juice into it and, all of a sudden - I can't remember if I had it facing me or the bottom facing me, but there was a loud flash and bang, and a piece of scrap metal hit me in the head," Zach said. "It kind of knocked me out of my chair, too. It was loud. My ears were ringing real bad, and I was just dazed for a second."

December 3, 2015   **Overheated battery, caused about \$3,500 of damage**

E-cigarette causes hotel fire over holiday weekend

<http://www.bremertonpatriot.com/news/360459091.html>

Oyster Bay Inn suffered fire damage from an overcharged e-cigarette Nov. 28. ...caused about \$3,500 of damage, according to Jeff Prichard, deputy fire marshal with the Bremerton Fire Department. Prichard said that when lithium-ion batteries, like those

November 23, 2015     **Broken neck, burned mouth, broken teeth**

<http://www.nydailynews.com/news/national/e-cigarette-explosion-breaks-man-neck-paralyzes-article-1.2444620>

E-cigarette explosion breaks Memphis native's neck, almost paralyzes him for life

E-cigarettes could be more dangerous than normal cigarettes. Especially if the smoking device can blow up in your face, like it did for 29-year-old Cordero Caples, a Memphis native living in Colorado Springs. The victim, who is a father of a 1-year-old girl, was almost paralyzed for life from the explosive-cigarette. He came out of the spinal reconstruction surgery in stable condition, Porter said. She said he was suffering immense pain prior to the surgery, and was relieved, but still aching from the incident.

November 20, 2015     **Severely burnt hand**

E-cigarette battery explodes inside car, burning Washington County couple [VIDEO]

<http://www.wpxi.com/news/news/local/e-cig-battery-explodes-sets-washington-cou/npRTR/>

A couple was burned in an explosion inside of their own car after an e-cigarette battery caught fire. Jeremy Markle, one of the victims, said the battery went up in flames and severely burned his girlfriend's hands while they were driving on Interstate 79 Tuesday night. The flames caused a hole on the floor of the car and a burn mark on the seat.

November 20, 2015    **3 Victims: Part of finger amputated, 2nd degree burns, facial fractures, hole in cheek,**
Manufacturer: **Flawless Vapes & Supplies**

Los Angeles: Exploding e-cigarettes prompt lawsuits; one user lost half a finger

http://www.mercurynews.com/crime-courts/ci_29143854/los-angeles-exploding-e-cigarettes-prompt-lawsuits-one

LOS ANGELES -- Three California men filed lawsuits against the makers, wholesalers and retailers of e-cigarette, alleging that the products' batteries exploded, causing severe injuries, including second-degree burns, shattered teeth and in one case, the loss of half a finger. The three men, one of whom is a former L.A. Galaxy player, are seeking damages as well as hoping to raise awareness about the lack of regulation in the making of e-cigarettes, battery-operated devices that deliver nicotine with flavorings, said their attorney, Gregory Bentley...

- Daniel Califf, an Orange County resident and former Major League Soccer player who played with the Galaxy from 2000 to 2005, suffered **second degree burns on his neck, ear and face, as well as facial** fractures after an e-cigarette he was using blew up in February.
- Gregory Phillips, Jr., a Bakersfield resident, suffered **second-degree burns to his left leg** after his e-cigarette exploded in his pocket in September; the burns resulted in the need for skin grafts at the Grossman Burn Center at San Joaquin Community Hospital.
- Vicente Garza, also a resident of Bakersfield, suffered injuries to his mouth and tongue, as well as shattered his teeth in October in an explosion while vaping the e-cigarette; the explosion shattered his bathroom mirror and he **lost half of his left index finger**.

Additional link to story of three above injuries: <http://www.dailymail.co.uk/news/article-3327374/Former-LA-Galaxy-star-suffers-hole-cheek-e-cigarette-exploded-face-industry-faces-string-lawsuits-victims-say-suffered-burns-lost-FINGERS.html>

November 19, 2015   

Lawsuits Filed in California After Exploding E-Cigarettes Leave 3 injured

<http://ktla.com/2015/11/19/lawsuits-filed-after-exploding-e-cigarettes-leave-3-injured/>

Vicente Garza was getting ready for bed in his Bakersfield home when he decided to use an electronic cigarette. He lifted the device to his mouth, pushed the...

November 1, 2015    **3rd degree burns**

Burns reported from exploding e-cigarettes [VIDEO]

<http://www.kmov.com/story/30395614/burns-reported-from-exploding-e-cigarettes>

Burns reported from exploding e-cigarettes ... from the Food and Drug Administration indicate e-cigarettes have exploded since they became popular in 2012.

October 29, 2015    **Rare form of pneumonia & acute lung injury/hypersensitivity pneumonitis**

Cases tie e-cigarettes to lung injuries, pneumonia

<http://www.jsonline.com/watchdog/watchdogreports/cases-tie-e-cigarettes-to-lung-injuries-pneumonia-b99606028z1-338598861.html>

- A 31-year-old West Virginia woman with no prior lung disease contracted what doctors say is a rare form of pneumonia after inhaling vapor from electronic cigarettes.
- In Vermont, a 60-year-old man suffered an acute lung injury and was diagnosed with hypersensitivity pneumonitis last year after vaping "red hot cinnamon" flavored e-cigarettes.

October 28, 2015     **Coma, mouthpiece shot down throat, possibly exploded 2nd time in lungs**

Florida man in coma after e-cigarette explodes in face: family

<http://www.nydailynews.com/news/national/florida-man-coma-e-cig-explodes-face-family-article-1.2413702>

A south Florida's man's alternative to smoking literally blew up in his face. Evan Spahlinger, 21, of Naples is in a medically induced coma after the e-cigarette he was puffing on violently exploded, his sister said. "I was lying in bed with my 2-year-old and I heard an explosion," Ema Richardson recalled the terrifying burst [to CBS Miami](#).

October 26, 2015    **Patient treated with minor burns**

E-cigarette explodes into flames on passenger plane

AN ELECTRONIC cigarette sparked a major full-scale alert on a plane when it caught fire in a passenger's hand luggage.

<http://www.dailystar.co.uk/news/latest-news/472164/E-cigarette-erupts-flames-passenger-plane>

Terrified passengers started to scream as smoke quickly filled the cabin. The drama unfolded aboard the Boeing 737 aircraft when a traveller realised his hand luggage had caught fire. Reports say the unnamed man only realised something was wrong when he felt intense heat pulsing from his bag on his lap. The panicked passenger then saw fire coming out of the bag and flung his bag off himself before leaping out of his chair.

October 22, 2015     **Hole in lung KangerTech**

Vaping Hospitalised Man And Left Him With Hole In His Lung After E-Cigarette Leaked Burning Nicotine

http://www.huffingtonpost.co.uk/2015/10/22/vaping-hospitalised-man-left-him-hole-lung-e-cigarette-leaked-burning-nicotine_n_8354984.html

A father-of-three was hospitalised after his [electronic cigarette](#) spilled hot liquid nicotine down his throat, burning a hole in his right lung. Richard Courtney, from Surrey, bought the £100 device in an attempt to give up smoking.

October 1, 2015      **2nd degree burns on buttocks, thighs and hand, dress caught fire**

Jury awards \$1.9M to California woman burned by e-cigarette

<http://www.nydailynews.com/news/national/jury-awards-1-9m-california-woman-burned-e-cigarette-article-1.2380919>

A California woman badly burned by an exploding electronic cigarette was awarded nearly \$2 million Wednesday by a jury in a product liability suit, her lawyer said. Jennifer Ries of Corona was on her way to the airport in March 2013 when she plugged in her VapCigs e-cigarette charger and it spewed hot metal that ignited her dress, attorney Gregory Bentley said.

September 7, 2015    **1st degree burns/hole in roof of mouth**

Man Severely Injured After eCigarette Blows Up In His Face [VIDEO]

<http://www.fox5dc.com/news/national/17391566-story>

Looking at James Lauria is an absolutely heartbreaking sight. His pictures in the hospital show him with a breathing tube, his face and his fingers burned. And he said it's because of an e-cigarette that exploded in his face. That's when the vape blew up in his face and gave him not only first-degree burns, but probably the worst injury of all: a dime-sized hole that was blown open in the roof of his mouth.

August 24, 2015     **Scorched arm/abdomen**

Man Injured by Exploding E-Cigarette; Congresswoman Wants FDA Oversight

<http://patch.com/michigan/dearborn/man-injured-exploding-e-cigarette-congresswoman-wants-fda-regulate-0>

Jason Diekman, who survived tours of duty in Afghanistan and Iraq, was recently hospitalized after a [vapor pen he was smoking exploded](#), sending shrapnel into the wall and scorching his arm and part of his abdomen. "I pushed it and it just exploded a big boom louder than a shotgun going off," Diekman told WJBK-TV.

July 11, 2015   **Article: Safety concerns**

Exploding e-cigarettes spark national safety concerns:

<http://www.independent.co.uk/life-style/health-and-families/health-news/exploding-ecigarettes-spark-national-safety-concerns-10382229.html>

A series of "highly disturbing" fires caused by exploding e-cigarette chargers has prompted a nationwide safety alert. The Local Government Association, which represents the 49 fire and rescue authorities in England and Wales, are calling on e-cigarette manufacturers to display warnings on packaging after over 100 fires have been caused by the devices over the past two years.

June 19, 2015    **Data on poisonings**

Nevada poison control cases double from e-cigarette exposure

<http://www.nevadaappeal.com/news/local/16874022-113/nevada-poison-control-cases-double-from-e-cigarette-exposure>

Nevada's Poison Control reported 44 exposures to liquid nicotine and e-cigarettes in 2014, doubling the number from the year before. The American Association of Poison Control Centers reports that number for exposure has doubled nationwide from the previous year. It report it received more than 3,700 emergency calls in 2014. This year to date, it has received nearly 1,500 emergency calls about e-cigarette or liquid nicotine exposure. Experts from the poison center recommend users protect their

skin while handling the products and keep them away from children. More than half of the emergency calls in 2014 involved children under the age of six, according to the AAPCC

June 10, 2015    **Data on poisonings**

Child nicotine poisonings in Minnesota rise sharply

Increase is linked to wider use of e-cigarettes and “vaping” juice

<http://www.startribune.com/child-nicotine-poisonings-in-minnesota-rise-sharply/306791501/>

The Minnesota Poison Control System saw a 35 percent jump in e-cigarette and e-juice poisonings among children from birth to 5 years old between 2013 and 2014, according to data released by the state Health Department. This marks the second year of what the department is calling “significant increases in nicotine poisonings related to e-cigarette products,” which can contain fatal doses of nicotine for children.

Jun 6, 2015:  **Article: Use on Nuclear Subs OKAY**

Royal Navy to let sailors smoke e-cigarettes on nuclear submarines as ‘they aren’t a fire risk’

<http://www.mirror.co.uk/news/uk-news/royal-navy-sailors-smoke-e-cigarettes-5837019>

Sailors are set to be allowed to puff e-cigarettes in their nuclear submarines. The move follows a fugitive whistleblower claiming unauthorised [vaping](#) was a safety risk.

May 18, 2015   **Hand burns**

Frenchman injured by exploding e-cigarette

<http://www.thelocal.fr/20150518/frenchman-injured-by-exploding-e-cigarette>

A young Frenchman was left with burns to his right hand and complained he could have been left disfigured after his electronic cigarette exploded in his hand. He said it was like a grenade going off.

April 23, 2015   ← First Published Online 4/23/15 **Exposure to non-users studied**

Electronic cigarettes: analysis of FDA adverse experience reports in non-users - Important findings re: aerosol exposure in nonsmokers

<http://tobaccocontrol.bmj.com/content/25/2/242.full.pdf+html>

Electronic cigarettes: analysis of FDA adverse experience reports in non-users The US Food and Drug Administration (FDA) Center for Tobacco Products (CTP) receives and reviews voluntary reports from consumers, healthcare professionals and members of the public on adverse experiences (AEs) associated with tobacco products. Reports from consumers and concerned citizens have described AEs not only in users, but also in non-users of e-cigarettes. 1 2 AE reports received by FDA between 1 January 2012 and 31 December 2014 were reviewed to evaluate AEs associated with e-cigarettes in non-users.... Thirty-five reports were related to passive aerosol exposure (typically in indoor spaces). Respiratory symptoms

March 16, 2015   **Article about exploding e-cigarettes**

Why are some gadgets with rechargeable batteries exploding? CDP investigates!

<http://www.cambridgenetwork.co.uk/news/why-are-some-gadgets-with-rechargeable-batteries-exploding-cd3136/>

For example, in rechargeable electronic cigarettes, some manufacturers have split the charger electronics between a ‘charger’ and the battery unit. To charge the product, the user first plugs the battery unit into the charger provided with a special miniature plug, and then plugs the charger into any convenient USB socket.

February 18, 2015   **Carpet burned Evod CE4 Starter Kit**

Man Says E-Cigarette Exploded, Burned his Home [VIDEO]

<http://fox40.com/2015/02/18/e-cigarette-almost-claims-mans-life/>

Greg Towan was sitting in his Yuba City home when all of a sudden he heard an explosion. “The end blew out,” Towan said, an e-cigarette smoker. Towan says he bought the e-cigarette because he wanted to kick his 50-year smoking habit. Towan’s goal is to use e-cigarettes to kick the addiction altogether, but he ended up kicking into high gear to save his life.

February 9, 2015    **Taken to UCSD Burn Center**

San Diego Man Burned E-Cigarette Explosion: Officials

<http://www.nbcsandiego.com/news/local/San-Diego-Man-Burned-E-Cigarette-Explosion-Ramona-291263941.html>

A San Diego man was rushed to a nearby burn unit after his electronic cigarette exploded Saturday, Cal Fire officials confirmed. The man was inside Stage Stop Liquor store in Ramona when his e-cigarette exploded.

January 15, 2015  **Minor house damage**

Oak Ridge woman says her e-cigarette exploded while charging

<http://www.local8now.com/home/headlines/Oak-Ridge-womans-e-cigarette-blows-up-while-charging-288744041.html>

OAK RIDGE, Tenn. (WVLT) -- An East Tennessee woman says her home caught on fire after an e-cigarette exploded while it was on the charger. John VanZyll, who owns Diversified Product Investigations, says his company is investigating cases of several e-cigarettes around the country that have exploded. ...

January 16, 2015 *From England:*  **Burns to hand**

Man suffers burns after e-cigarette explodes

<http://kccmediahub.net/man-suffers-burns-e-cigarette-explodes745>

KFRS and Kent Trading Standards have developed a leaflet with safety advice and are working together with businesses selling e-cigarettes and mobile phone ...

2014

December 10, 2014  **DEATH: 1-year old drank refill, died**

Fort Plain child dead after ingesting liquid nicotine

<http://news10.com/2014/12/10/fort-plain-child-dead-after-ingesting-liquid-nicotine/>

FORT PLAIN, N.Y. – Authorities say that a one year old has died after consuming liquid nicotine. According to Fort Plain Police, EMS reported to a Garfield Street home shortly after 4 p.m. on Tuesday for an unresponsive one year old.

November 25, 2014  **Article about e-cig dangers**

Think you're safe from fires by smoking an e-cigarette? Think again

<http://www.propertycasualty360.com/2014/11/25/think-youre-safe-from-fires-by-smoking-an-e-cigare>

Electronic cigarettes—also called personal vaporizers or electronic nicotine delivery systems—are perceived by many smokers as a safer alternative. But according to a recent report from the [U.S. Fire Administration](#) (USFA), e-cigarettes come with their own unique risks: namely, fires and explosions. ...

Oct 13, 2014  **No injuries. Ninbus brand E-Cigarette**

E-Cigarette Battery Explosion

[Footage of explosion]

<https://www.youtube.com/watch?v=ZmxLK9cLUuA>

A coworkers E-cigarette exploded today at work. Caught on security camera. Coworker says he pressed the button, nothing happened. Pressed it a second time, then a few seconds later...BOOM! He wasn't hurt, just a little shaken up and burned his pants! Thankfully it wasn't in his face when it exploded. This was not connected to the charger! I've seen a couple of videos online but all were connected to the charger. This is a Ninbus brand E-Cigarette. Be careful people!

September 8, 2014  **Toddler drank from refill**

Toddler who swallowed e-cigarette refill 'could have died' according to doctors

<http://www.irishmirror.ie/news/toddler-who-swallowed-e-cigarette-refill-4181442>

A toddler has cheated death after swallowing nicotine contained in an [e-cigarette refill](#). The two-year-old girl from Birmingham was treated at Good Hope Hospital when she vomited after picking up a cartridge containing the chemical and putting it in her mouth. She was given the all-clear after being monitored for several hours. Dr Sanjay Gupta, who treated the child in March, urged parents to be careful with the refills...

August 9, 2014  **DEATH: Oxygen equipment ignited**

UK Man Killed After E-Cig Explodes

<http://www.newser.com/story/192217/uk-man-killed-after-e-cig-explodes.html>

The debate [on whether e-cigarettes](#) are a healthier alternative to regular smokes continues, but the "e" part clearly poses unique risks: A UK man was killed after his device misfired and ignited his oxygen equipment, reports the [BBC](#). Fire officials say David Thomson, 62, was charging his e-cig in his bedroom when it "exploded, caught fire, and ignited the oxygen tube of an oxygen concentrator, which may have been in use by the occupier."

Aug 06, 2014  **Home gutted**

Mum's e-cigarette sparks blaze which guts Devizes home

[http://www.gazetteandherald.co.uk/news/11391117.Mum s e cigarette sparks blaze which guts Devizes home/?ref=var_0](http://www.gazetteandherald.co.uk/news/11391117.Mum_s_e_cigarette_sparks_blaze_which_guts_Devizes_home/?ref=var_0)

A mum trying to give up smoking by using an e-cigarette returned home on Saturday afternoon with her two young children to find it on fire. It is believed the blaze, which started in the kitchen of her house in Awdry Road, Devizes, was caused by the e-cigarette overheating while it was charging.

June 18, 2014   **Fire, jumped from window, broken back**

Gran leapt for her life when e-cigarette charger started house fire

<http://www.llanellistar.co.uk/Gran-leapt-life-charger-started-house/story-21252953-detail/story.html>

A BLAZE that left a Llanelli grandmother in hospital with a broken back was started by a faulty e-cigarette charger, the Star can reveal this week.

May 28, 2014   **Kid Home gutted E-Lites**

E-cigarette devastation pictured: Gutted home of young mum after device BLEW UP while charging

<http://www.mirror.co.uk/news/uk-news/e-cigarette-devastation-pictured-gutted-home-3615186>

Keeley Cooper, 22, had to grab her two sons and flee in terror after the anti-smoking aid left her flat looking like a bomb site

April 9, 2014  **Explosion in bar, dress caught fire**

Watch an Unexpected Device Explode Right in Front of This Bartender

[Footage of an explosion]

<http://www.theblaze.com/stories/2014/04/09/watch-an-unexpected-device-explode-right-in-front-of-this-bartender/>

A bartender working at the Buck Inn Hotel in North Yorkshire, England, was standing next to an e-cigarette plugged into an iPad to charge when it exploded right in her face.

April 1, 2014  **Minor home damage**

Smoker has lucky escape after e-cigarette sparks fire in Cheadle home

<http://www.stokesentinel.co.uk/Smoker-lucky-escape-e-cigarette-sparks-Cheadle/story-20889233-detail/story.html>

SMOKER Phil Elkin had a lucky escape after his e-cigarette 'exploded' and set his house on fire – causing thousands of pounds in damage. Mr Elkin thought nothing of leaving the supposedly-safe device on charge in his study.

But just an hour later his wife, Joan, spotted glowing coming from the room. The £12 e-cigarette had overheated, causing it to shoot out of the plug and set the carpet on fire – leaving Mrs Elkin frantically dousing the floor with buckets of water.

March 18, 2014  **Article about poison danger**

E-Cigarettes, Refills Pose A Danger To Children, Local Doctors Say

<http://www.kwtx.com/news/health/headlines/E-Cigarette-Refills-Pose-A-Danger-To-Children-Local-Doctors-Say-250696731.html>

The Texas Poison Control Network is reporting an increase in cases involving young children who have gotten hold of the liquid refills for increasingly popular electronic cigarettes, and doctors shared the concern Monday at a forum at Scott & White Hospital in Temple. 'More than half of the exposure is kids under 6 years old,' said Dr. Ryan Morrissey, the Central Texas Poison Center's medical director.

March 18, 2014  **Data about poisonings**

Report: E-cigarette poisonings 10 times more common among kids and teens in 2013

Rick Kupchella's BringMeTheNews - <http://www.bringmethenews.com/2014/03/18/report-e-cigarette-poisonings-10-times-more-common-among-kids-and-teens-in-2013/>

More Minnesota children and teenagers were poisoned by e-cigarette liquid last year than in 2012. [The Department of Health reports](#) there were five reports of e-cigarette related poisoning in 2012. Last year, that number jumped to 50. E-cigarette poisonings accounted for 23 percent of the state's 218 teen and child tobacco-related poisonings in 2013. Poisonings include calls where e-cigarette liquids, also known as e-juice, have been swallowed, inhaled, come in contact with the eyes or absorbed through the skin.

March 11, 2014  **Warning about explosions**

E-cigarette explosion in Ammanford prompts more warnings from fire service chiefs

<http://www.southwales-eveningpost.co.uk/E-cigarette-explosion-Ammanford-prompts-warnings/story-20794125-detail/story.html>

FIRE chiefs have again warned of the dangers of electronic cigarettes after one exploded, causing significant damage. Mid and West Wales Fire Service said the incident took place in Ammanford after an e-cigarette had been left to charge. They said the explosion caused significant damage to the surrounding area. The occupier of the property affected said: "It went off like a firework and we were lucky that nobody was injured." ...

March 2, 2014  **Warning about fire danger**

Fire officials issue warning about e-cigarette dangers

<http://www.mailtribune.com/apps/pbcs.dll/article?AID=/20140301/NEWS/403010309/-1/NEWS>

Electronic cigarettes may be safer for the lungs of smokers than the standard leaf-burning variety, some people believe, but Medford fire officials want people to know they can still cause fires. E-cigs have caused minor fires at two Medford homes recently, Medford Fire-Rescue officials said. ...

February 17th, 2014  **Warning about explosions**

Warning given after e-cigarettes explode

http://www.freepressseries.co.uk/news/monmouthshire_news/monmouthshire_news/11016202.Warning_given_after_e_cigarettes_explode/

SOUTH Wales Fire and Rescue has issued a warning after responding to cases of exploding e-cigarettes. Fire crews recently attended two separate fires where the batteries from an e-cigarette had exploded and travelled up to two metres across the room before igniting the carpet. The occupiers were close at hand and the small fires were quickly extinguished by on-site staff.

2013

November 11, 2013  **Carpet caught fire Crown Seven Gladiator electronic cigarette**
Exploding electronic cigarette blamed for fire

<http://www.azfamily.com/story/28374147/exploding-electronic-cigarette-blamed-for-fire>

However after buying his [Crown Seven](#) Gladiator electronic cigarette, Lawson said the unexpected happened. "I had it for four days and when I was charging it, it exploded." Tyler went on to say, "It shot out like a bullet, hit the window, dropped from the window to the carpet. Caught the carpet on fire."

November 5, 2013  **Fire while family slept, damage minimal**

E-cigarette blamed for house fire in Idaho, electronic cigarette battery overcharged and exploded

http://www.wptv.com/dpp/news/local_news/water_cooler/e-cigarette-blamed-for-house-fire-in-idaho-electronic-cigarette-battery-overcharged-and-exploded

Idaho fire officials said an electronic cigarette exploded and started a fire while a family of four slept in their house. Thanks to the smoke alarm, Jason Burns and his parents were able to quickly put out a blaze in the living room with a fire extinguisher. The damage to the house was limited. Fire investigators said an e-cigarette plugged into a laptop to be charged was to blame. It overcharged, overheated and exploded, sending parts flying on to the furniture.

October 25, 2013   **Article about exploding e-cigarettes**

Small Number of E-Cigarette Batteries Explode

<http://www.nbchicago.com/news/local/Exploding-E-Cigarettes-229183561.html>

The popularity of E-cigarettes, those battery operated inhalers that deliver nicotine without the smoke, is on the rise. But the \$1.5 billion dollar business continues to battle a slew of health, safety and regulatory questions, including a new one related to battery safety. A small number of consumer reports from across the country detail exploding e-cigs that launch out of their chargers, leading to fires and injury.

October 24, 2013     **Treated for smoke inhalation from house fire "Smokin T" e-cigarettes.**

Phoenix FD: faulty e-cigarette likely to blame for fire that injured Vietnam vet

<http://www.cbs3springfield.com/story/23785774/phoenix-fd>

But, now we're learning of a house fire in Phoenix last week that injured a Vietnam veteran. Dale Orman said his wife quit smoking just a few months ago with the help of "Smokin T" e-cigarettes. He said that same device ended up nearly taking his life and heavily damaged much of their home.

October 4, 2013   **Fire started**

No smoke, but lots of fire! Another e-cigarette explosion smolders home as officials warn you don't need to 'light up' to be in danger

<http://www.dailymail.co.uk/news/article-2442715/E-cigarette-explosion-causes-Wisconsin-home.html?ito=feeds-newsxml>

Firefighters in the town of La Crosse, Wisconsin, responded to an incident this week where an e-cigarette erupted from its charger, launching about 25 feet from the power socket to start a fire across the room, according to...

October 3, 2013   **Article about exploding e-cigarettes**

Is Anything Being Done To Prevent Exploding E-Cigarettes?

<http://consumerist.com/2013/10/03/is-anything-being-done-about-exploding-e-cigarettes/>

While concerns about health effects and youth-targeted marketing [have the attorneys general of 37 states asking the FDA to regulate e-cigarettes much like the agency regulates the sale of tobacco](#), there are numerous reports of the devices "exploding" or catching fire, which can be significantly more dangerous than simply inhaling nicotine.

October 2, 2013   **"A fountain firework" then it "shot out like a missile" from computer**

Minnesota man's e-cig explodes while charging

<http://kmsp.dsys1.worldnow.com/story/23584719/minnesota-e-cig-explosion-charging>

Mike Swafford bought E-Cig Clubhouse in Ham Lake, Minn. six months ago. "I hear about it two or three times a week," Swafford said. "There's a lot of inferior products out there."

Sept 24, 2013    **Kid 2nd and 3rd degree burns on 3 year old White Rhino e-cigarette**

Electronic cigarette explodes, injures child

<https://www.ksl.com/?sid=26986036>

SALT LAKE CITY — There is a new warning about e-cigarettes — a few have overheated and burned people. A little boy is recovering after his mom's e-cigarette exploded in the car.

Sept 24, 2013   **Charging in car, burned back seat and child seat.**

E-cigarette wrecked car when it EXPLODED 'like a firework' while being charged overnight leaving seats destroyed and windows blackened

<http://www.dailymail.co.uk/news/article-2430393/E-cigarette-wrecked-car-EXPLODED-like-firework-charged-overnight-leaving-seats-destroyed-windows-blackened.html>

A motorist said today that his car was wrecked when his electronic cigarette exploded while charging. Chris Thomas, 37, said the e-cigarette shot out of the 12V power socket 'like a firework' and landed on the back seat of his Skoda company car, setting fire to the upholstery.

September 4, 2013   **Burned hole in rug eHit brand, made in China by Shenzhen Seego Technology.**

Exploding e-cigarette could have killed my dogs and cats, terrified Atlanta woman says

<http://news.yahoo.com/blogs/sideshow/e-cigarette-explosion-161908742.html>

ATLANTA — A Grant Park woman said the new electronic cigarette she bought to improve her health nearly destroyed her house. Channel 2 consumer investigator Jim Strickland had Elizabeth Wilkowski demonstrate what happened. "It was like kaboom!, and I see this flame shooting across my living room," Wilkowski said.

Jul 16, 2013   **Blew up in hand**

Sherman man's e-cigarette explodes while charging

<http://www.kxii.com/news/headlines/E-cigarette-explodes-in-Texoma-mans-home-215771641.html>

SHERMAN, TX – Wes Sloan - They've been touted as the 21st-century cigarette. But, one Texoma man has a warning for e-cigarette users after he says simply charging his caused it to blow up. Sherman resident, Wes Sloan, says when he decided to kick the habit he made the switch to an electronic cigarette thinking it would be safer. But, he says the device literally blew up in his hand, and he wants you to know just how dangerous they may actually be.

July 11, 2013    **2nd degree burns, explodes in car**

Corona Couple Sues after E-cigarette Battery Explodes in Car

<http://losangeles.cbslocal.com/2013/07/11/corona-couple-sues-after-e-cigarette-battery-explodes-in-car/>

CLAREMONT (CBSLA.com) — A Corona husband and wife have sued an e-cigarette manufacturer alleging its rechargeable battery exploded in their vehicle, leaving the woman with second-degree burns.

2012

Feb 16, 2012     **Knocked out all teeth and part of tongue. Set fire to room.**

Electronic cigarette explodes in man's mouth, causes serious injuries

http://www.cbsnews.com/8301-504763_162-57379260-10391704/electronic-cigarette-explodes-in-mans-mouth-causes-serious-injuries/