CBD PRODUCTS & ELECTRONIC CIGARETTES:

The Tangle of Two Industries and Public Demand



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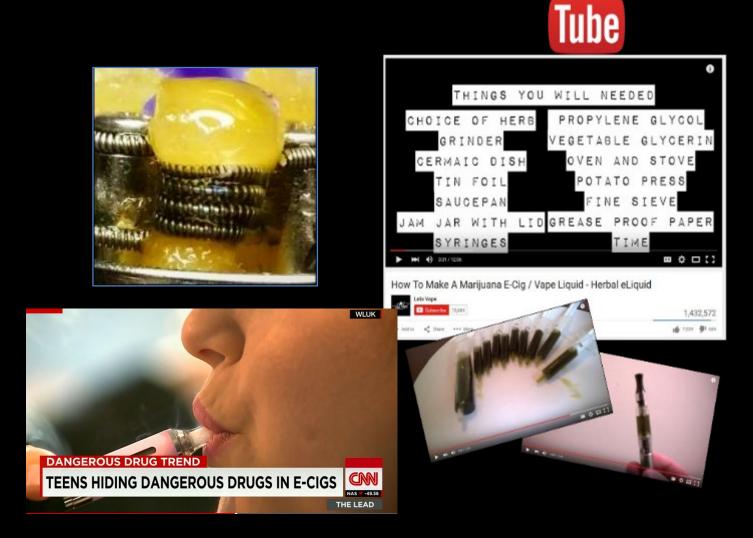
The International Association of Forensic Toxicologists

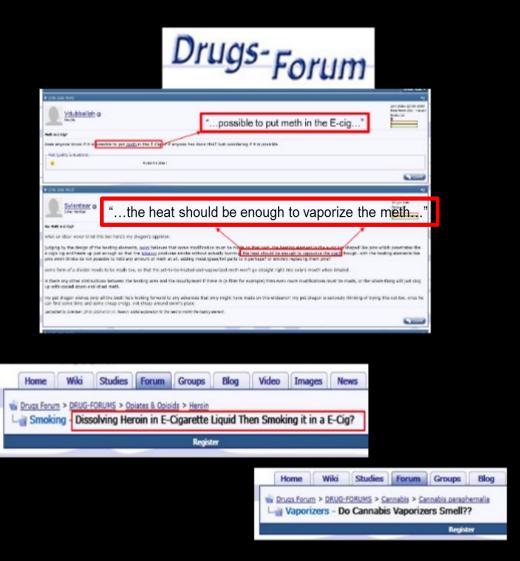


NIJ Statement and Financial Disclosure

- Through the Looking Glass: Abuse of the Evolving Electronic Cigarette and the Impact of Vaping Ethanol in the Evaluation of Impairment (2014-R2-CX-K010)
- Characterization and Abuse of Electronic Cigarettes: The Efficacy of Personal Vaporizers as an Illicit Drug Delivery System (2016-DN-BX-0150)
- Chasing the E-cigarette Dragon: Characterizing the Evolution and Impact of Design and Content (2018-75-CX-0036)
 - are awarded by the <u>NATIONAL INSTITUTE OF JUSTICE</u>, Office of Justice Programs, U.S. Department of Justice. The opinions, findings, and conclusions or recommendations expressed in this publication/program/exhibition are those of the author(s) and do not necessarily reflect those of the Department of Justice.
- No funding was obtained from any manufacturer of any product used in this study.

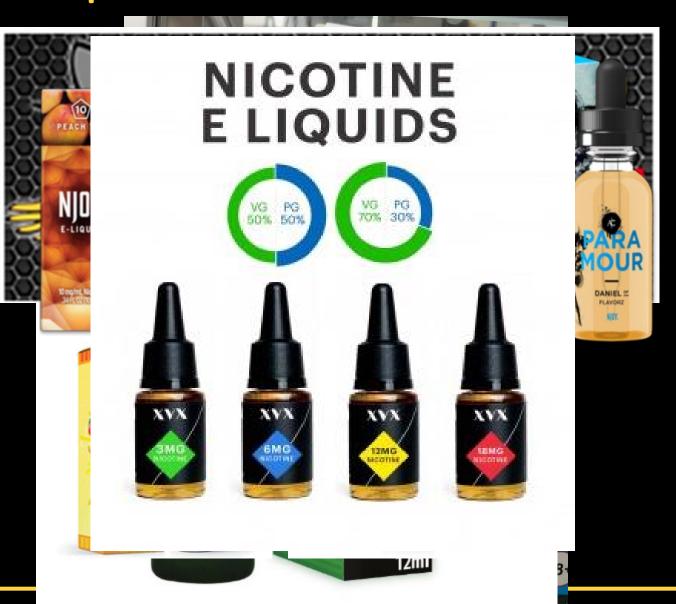
Abuse of E-Cigarettes



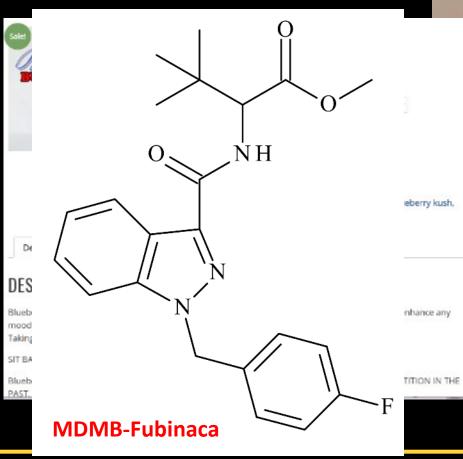


E-Liquid Components

- Humectants
 - Propylene Glycol (PG)
 - Vegetable Glycerine (VG)
- Flavorants
- Active ingredients
 - Nicotine
 - Drugs Other Than Nicotine (DOTNs)
 - Natural products/plant materials
 - Dietary Supplements
 - Designer Drugs
 - Scheduled Drugs









Peace MR, et al, For Sci Internat 2017:271.

And then I get a phone call...

CBD CASE





\$39.99







Strawberry 女女女女公

\$24.99



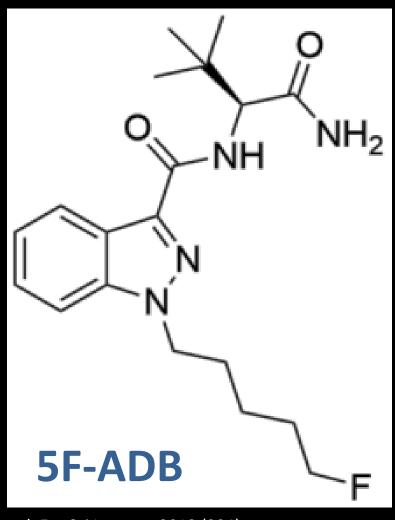
100% Natural **CBD Extracts**



Quality Test our Products

Every batch of extract is lab-tested to ensure a consistent product, and to achieve the utmost purity in our products. We carefully supervise the entire process, from growth to manufacturing, and to distribution.

CBD CASE RESULTS



OCH₃ **DXM** Ā

Poklis JL, et al, For Sci Internat 2019 (294)



CBD oil in electronic cigarettes or vaporizing pens might be driving users to emergency rooms, North Carolina health authorities say. Nam Y. Huh - AP

CBD oil in your e-cig or vape pen might send you to the ER, NC says



bhenderson@charlotteobserver.com



March 06, 2018 01:33 PM Updated March 06, 2018 03:38 PM



Organization

Search..











TOBACCO-FREE LIVING

Health Effects of Vape Oils Containing Unknown Substances

Last Updated: April 25, 2018

APHC Home / Topics / Healthy Living / Tobacco-Free Living / Health Effects of Vape Oils Containing Unknown Substances



PUBLIC HEALTH ALERT



PUBLIC HEALTH ALERT: Users of e-cigarettes and/or vaporizer pens must ensure that the products they purchase do not contain Cannabidiol (CBD) oil, CBD, tetrahydrocannabinol (THC) or synthetic cannabinoids.

CLICK HERE TO VIEW THE ALARACT ON AKO (CAC REQUIRED) @

Other Articles

Annual Tobacco Cessation Events

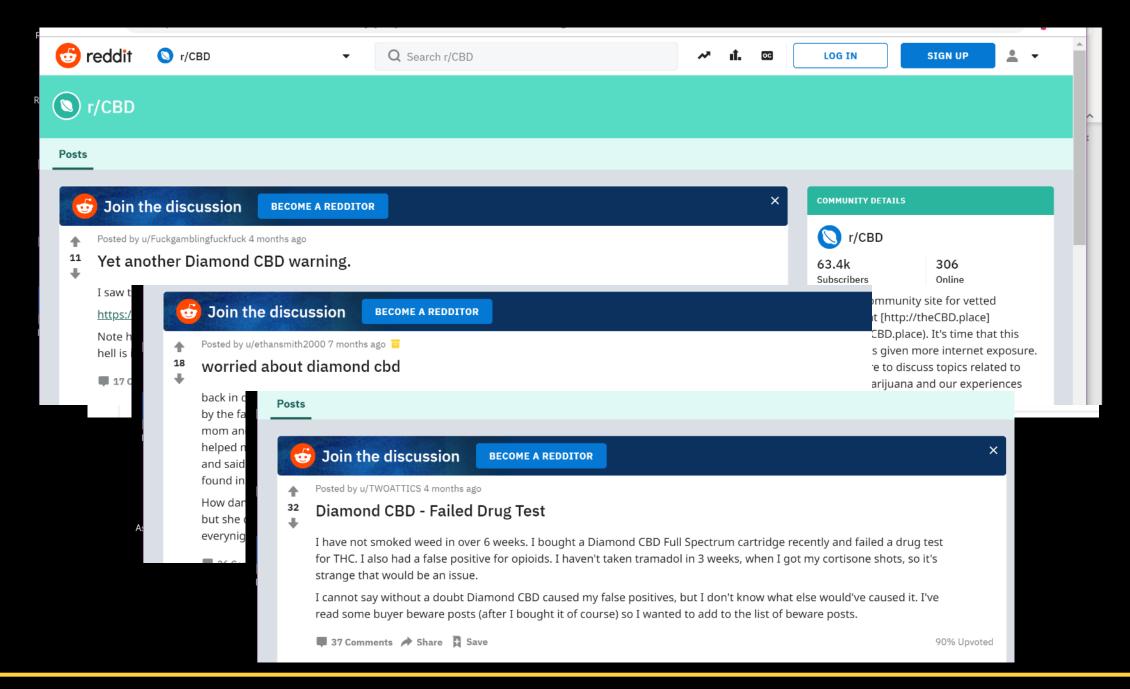
Information about the many annual nationally supported tobacco cessation events to emphasize the need to guit tobacco use.

Related Sites

Related Sites for tobacco-free Living.

TFL Education for Individuals

Information and links for patients on tohacco-free living education



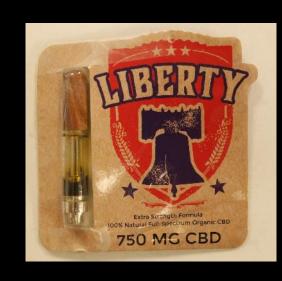
"I've not been able to leave my apartment for 4 days"

"What happened next I can only describe as the situation rapidly devolving into the scariest night of my life. I felt I like I was dissociating from reality"

"One of the times I confronted [my son] in his room pale and glassy eyed..."

"Have you or your colleagues tested other popular so called "CBD e-juice" brands such as..."

"I found my 79 year old grandmother... she has rheumatoid arthritis...she just wanted to be painfree..."





- 50+ emails
- 17/18 samples received positive for SynCan

