



VAPOR TECHNOLOGY ASSOCIATION

RESEARCH AND ANALYSIS: DATA FROM INDEPENDENT RESEARCH INSTITUTIONS SHOWS VAPOR IS A HEALTHIER ALTERNATIVE TO TOBACCO

The Data is Clear: Vapor is a Healthier Alternative to Tobacco

Despite an overabundance of distorted and misleading information propagated by some, the science is clear – responsibly manufactured vapor products are a safer alternative to traditional combustible products and they provide many individuals with a viable path to reduce tobacco smoking and even quit altogether. Below are examples of the large and rapidly growing body of scientific studies and analyses that prove that the FDA’s plan to regulate vapor products out of existence is misguided.

RESEARCH AND DATA

NICOTINE, CARCINOGEN, AND TOXIN EXPOSURE IN LONG-TERM E-CIGARETTE AND NICOTINE REPLACEMENT THERAPY USERS: A CROSS-SECTIONAL STUDY

Published in the Annals of Internal Medicine, February 6, 2017

A recent study by researchers at University College London and King's College, Roswell Park Cancer Institute, and Centers for Disease Control and Prevention found that consuming e-cigarettes is far safer and less toxic than smoking conventional tobacco cigarettes. The study concluded that long-term NRT-only and e-cigarette-only use, but not dual use of NRTs or e-cigarettes with combustible cigarettes, is associated with substantially reduced levels of measured carcinogens and toxins relative to smoking only combustible cigarettes.

Read the study here: <http://bit.ly/2kwLUHM>

E-CIGARETTES: AN EVIDENCE UPDATE

A Report Commissioned by Public Health England, May 2016

The United Kingdom’s Department of Health (Public Health England) recently re-affirmed its 2014 conclusion that “while vaping may not be 100% safe, most of the chemicals causing smoking-related disease are absent and the chemicals present pose limited danger.” After another independent exhaustive review of all existing scientific literature, Public Health England concludes that “the current best estimate is that e-cigarette use is around 95% less harmful than smoking” tobacco.

Read the full report: <http://bit.ly/1J2Zsj2>

NICOTINE WITHOUT SMOKE: TOBACCO HARM REDUCTION

Royal College of Physicians, April 2016

This 200-page report provides an update on the science of tobacco harm reduction, in relation to all non-tobacco nicotine products but particularly vapor products. It shows that, for all the potential risks involved, harm reduction has huge potential to prevent death and disability from tobacco use, and to hasten our progress to a tobacco-free society. Read the full report, based on an exhaustive review of all existing literature.

Read the full report: <http://bit.ly/244lizV>

A FRAMEWORK FOR EVALUATING THE PUBLIC HEALTH IMPACT OF E-CIGARETTES AND OTHER VAPORIZED NICOTINE PRODUCTS

Journal of Addiction, April 2016

Seven top tobacco control experts conducting FDA-funded research tell FDA that vapor products can lead to reduced cigarette smoking overall with a potential reduction in deaths from smoking. Specifically, David Levy, professor in the Department of Oncology at the Georgetown Lombardi Comprehensive Cancer Center who led the study, rejected the FDA's hyper-focus on the gateway issue explaining, "We believe that the discussion to date has been slanted against e-cigarettes, which is unfortunate, because the big picture tells us that these products appear to be used mostly by people who already are or who are likely to become cigarette smokers."

Read the study here: <http://onlinelibrary.wiley.com/wol1/doi/10.1111/add.13394/full>

CAN ELECTRONIC CIGARETTES HELP PEOPLE STOP SMOKING, AND ARE THEY SAFE TO USE FOR THIS PURPOSE?

Cochrane Review, September 2016

Combined results from two randomized trial studies, involving 662 people, showed that using an electronic cigarette (EC) containing nicotine increased the chances of stopping smoking in the long term compared to using an EC without nicotine. None of the studies found that smokers who used EC short- to mid-term (for two years or less) had an increased health risk compared to smokers who did not use ECs.

Read the full report: <http://bit.ly/2jFq9DU>

E-CIGARETTES, VAPING AND PUBLIC HEALTH: A SUMMARY FOR POLICY-MAKERS

Clive Bates, February 2015

From the smoker's perspective, e-cigarettes create a new 'value proposition'. They offer many of the experiences of smoking (a nicotine hit, something to hold and gesture with, sensory experience etc) with few of the harms (long term risk is much lower, less social disapproval, minimal odour nuisance) and at a lower cost, with beneficial knock-on effects to the family budget – which can be especially important in poor families. Prior to the emergence of e-cigarettes, the alternatives were broadly cast as 'quit or die' – this new value proposition fits between the two. It is likely to be successful, because it requires less effort to reduce the harm – i.e. it does not require complete nicotine cessation. Expert views suggest a health risk of at least 95% or 20 times lower than smoking.

Read the full report: <http://www.clivebates.com/documents/vapebriefing.pdf>

PERSISTING LONG TERM BENEFITS OF SMOKING ABSTINENCE AND REDUCTION IN ASTHMATIC SMOKERS WHO HAVE SWITCHED TO ELECTRONIC CIGARETTES

Riccardo Polosa, Discovery Medicine, February 23, 2016

Improvements in asthma outcomes have been recently reported in asthmatic smokers who have substantially reduced their tobacco consumption by switching to ECs. Confirmation of these preliminary findings is necessary to reassure patients, healthcare professionals and policy makers. Here, we present findings from long term prospective assessment of objective and subjective asthma outcomes as well as safety and tolerability in this group of EC users with asthma.

Read the full report: <http://bit.ly/1MyAYDB>