



Life w/ Multiple Myeloma

patientslikeme.com/Myeloma

Connect with people like you. Share your experience & learn from others



Main » NORML Blog » SCIENCE » Study: Habitual Marijuana Smoking Not Associated With Increased Risk Of Lung Cancer

# Study: Habitual Marijuana Smoking Not Associated With Increased Risk Of Lung Cancer

by Paul Armentano, NORML Deputy Director  
June 23, 2014

Subjects who regularly inhale cannabis smoke possess no greater risk of contracting lung cancer than do those who consume it occasionally or not at all, according to [data](#) published online ahead of print in the *International Journal of Cancer*.

An international team of investigators from Canada, New Zealand, the United Kingdom, and the United States analyzed data from six case-control studies involving over 5,000 subjects (2,159 cases and 2,985 controls) from around the world.

Authors concluded, "Results from our pooled analyses provide little evidence for an increased risk of lung cancer among habitual or long-term cannabis smokers."

Investigators had [previously presented their data](#) at the 2013 annual meeting of the American Academy for Cancer Research.

Their findings are similar to those of a [2013 review](#) published in the journal *Annals of the American Thoracic Society*, which concluded: "[H]abitual use of marijuana alone does not appear to lead to significant abnormalities in lung function. ... Overall, the risks of pulmonary complications of regular use of marijuana appear to be relatively small and far lower than those of tobacco smoking."

An accompanying commentary in the same journal [affirmed](#), "[C]annabis smoking does not seem to increase risk of chronic obstructive pulmonary disease (COPD) or airway cancers. In fact, there is even a suggestion that at low doses cannabis may be protective for both conditions."

Preclinical studies have documented that cannabinoids possess potent [anti-cancer properties](#), including the [inhibition of lung cancer cell growth](#). To date, however, scientists have yet to conduct controlled clinical trials replicating these results in human subjects.

The abstract of the study, "Cannabis smoking and lung cancer risk: Pooled analysis in the International Lung Cancer Consortium," appears online [here](#).

Tags : [cancer](#), [lung cancer](#), [smoking](#)

Posted in : [SCIENCE](#)

[Add Your Comment](#)

2 Responses to "Study: Habitual Marijuana Smoking Not

Do your part to **HELP LEGALIZE MARIJUANA!** (how?)

[DONATE](#)

[VOLUNTEER](#)

[ACT!](#)

[SHOP](#)

NORML NEWSLETTER

Sign up to receive legislative alerts, news & analysis from NORML:

State



**GROCERY STORES FEAR HIM**

**Man creates brain-dead simple system to cutting your grocery bill by 90%...**

(HINT: It's NOT Coupons)

[CLICK HERE TO SEE IT](#)

### Blog Categories

[ABNORML NEWS \(4\)](#)

[ACTIVISM \(1,257\)](#)

[ECONOMICS \(41\)](#)

[EDUCATION \(60\)](#)

[ENTERTAINMENT \(23\)](#)

[FAMILIES \(53\)](#)

[GOVERNMENT \(405\)](#)

[LAW ENFORCEMENT \(73\)](#)

[LEGISLATION \(336\)](#)

[LITIGATION \(289\)](#)

[NORML PAC \(12\)](#)

[SCIENCE \(316\)](#)

[SOCIETY \(556\)](#)

[Women \(28\)](#)

### Recent Posts

## Associated With Increased Risk Of Lung Cancer”



Patricia says:

June 23, 2014 at 7:10 pm

Marijuana prohibition is built on scientific fraud. The government discovered that THC killed lung cancer cells in 1974. That was 40 years ago! It is unconscionable that still there are no clinical trials in humans. The entire science community in America deserves to be censured for having turned a blind eye to this nonsense for 40 years.

[**Paul Armentano responds:** Correct. The first preclinical models showing cannabinoids possess anti-cancer activity were conducted in 1974 and this data was published in 1975 in the Journal of the National Cancer Institute:

<http://www.ncbi.nlm.nih.gov/pubmed/1159836>

. Notably, CBD did NOT show anti-cancer activity in these models:

"Lewis lung adenocarcinoma growth was retarded by the oral administration of delta9-tetrahydrocannabinol (delta9-THC), delta8-tetrahydrocannabinol (delta8-THC), and cannabinal (CBN), but not cannabidiol (CBD). Animals treated for 10 consecutive days with delta9-THC, beginning the day after tumor implantation, demonstrated a dose-dependent action of retarded tumor growth. Mice treated for 20 consecutive days with delta8-THC and CBN had reduced primary tumor size. CBD showed no inhibitory effect on tumor growth at 14, 21, or 28 days. Delta9-THC, delta8-THC, and CBN increased the mean survival time (36% at 100 mg/kg, 25% at 200 mg/kg, and 27% at 50 mg/kg, respectively), whereas CBD did not."]



Rocky Coast

says:

June 23, 2014 at 8:36 pm

Re: Concentrates

(Legal MMJ user here) A couple months ago I picked up a vaporizer pen that uses cartridges filled with concentrate. The "high" is not too much different overall, maybe more of a body high than the flower. When it comes to hybrids and indicas I really do prefer the vaporizer. With sativas I prefer the flower; the concentrate gives maybe too much of a body high for my tastes (although someone more athletically oriented might love it)

I think the vape pens should be a positive contributor to our movement. Less combustible material going into your body!

I see the point about edibles etc. having a possibly negative influence. This can be avoided by starting a sincere movement to get all "stoners" to act with class — no need to glorify it — just enjoy it and live your life.

### Leave a Reply

Name

Mail (will not be published)

Website

Study: Habitual Marijuana Smoking Not Associated With Increased Risk Of Lung Cancer

The Potential Political Impact of Dabbing, Concentrates and Edibles

New York State Legislature and Governor Come to Agreement on Medical Marijuana

US Senate To Vote Imminently On Budget Amendment to Defund Medical Marijuana Raids

Philadelphia City Council Overwhelmingly Approves Decriminalization of Marijuana Possession

### Blog Archives

Select Month

### Chapter Meetings

Today Tuesday, June 24

Loading...

Events shown in time zone: Eastern Time



NORML's online network

Facebook

Twitter

YouTube

Flickr

Google

Stumble Upon

reddit

Pinterest

tumblr

NORML Chapters

NORML Blog

Women's Issues

Notify me of followup comments via e-mail

## Life w/ Multiple Myeloma

[patientslikeme.com/Myeloma](http://patientslikeme.com/Myeloma)

Connect with people like you. Share your experience & learn from others



NORML Women

weedmaps tv

Mj ACTIVISM



weedmaps

HIGHER LEARNING



MARIJUANA

[PRIVACY POLICY](#)

[LOGIN](#)

[ADVERTISE](#)

[CONTACT US](#)

[WEBMASTERS](#)

[SPONSORS](#)

[LINKS](#)

© 2014 NORML and the NORML Foundation. All Rights Reserved

1100 H Street, NW • Suite 830 • Washington, DC 20005

Phone: (202) 483-5500 • Fax: (202) 483-0057