

A natural nano ozonated oil composition to quit smoking

Abstract

The present patent-pending invention relates to a topical pharmaceutical nano ozonated formulation to help quit smoking. The formulation for treating this problem is formed of a natural oil mix, ozonated clove oil, ozonated virgin coconut oil, ozonated lavender oil, liquid propolis, and ozonated lime oil. In particular the formulation is topically applied inside nose. Observed results showed excellent results for all ages of men and women with no adverse or side effects.

Keywords: addiction, nicotine, smoking, nano, ozonated

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Introduction

Cigarette smoking harms nearly every organ of the body, causes many diseases, and reduces the health of smokers in general. Cigarette smoking causes more than 480,000 deaths each year in the United States. This is nearly one in five deaths.¹

- More than 10 times as many U.S. citizens have died prematurely from cigarette smoking than have died in all the wars fought by the United States.
- Smoking causes about 90% (or 9 out of 10) of all lung cancer deaths. More women die from lung cancer each year than from breast cancer.
- Smoking causes about 80% (or 8 out of 10) of all deaths from chronic obstructive pulmonary disease (COPD).
- Cigarette smoking increases risk for death from all causes in men and women.
- The risk of dying from cigarette smoking has increased over the last 50 years in the U.S
- Smokers are at greater risk for diseases that affect the heart and blood vessels (cardiovascular disease).
- Smoking can cause lung disease by damaging your airways and the small air sacs (alveoli) found in your lungs.
- Lung diseases caused by smoking include COPD, which includes emphysema and chronic bronchitis.
- Cigarette smoking causes most cases of lung cancer.
- If you have asthma, tobacco smoke can trigger an attack or make an attack worse.
- Smokers are 12 to 13 times more likely to die from COPD than nonsmokers.

Smoking can cause cancer almost anywhere in your body: Bladder,

Cigarette smoking causes

Cigarette smoking forms a major cause of almost types of cancer. Research² has repeatedly linked smoking and high blood pressure to a greater risk of cognitive decline and dementia, according to Dr. Simon Ridley. While the numbers of non-smokers and ex-smokers continue

to grow, there are still about 45 million smokers in the U.S. Since the fact that one in five deaths is directly related to smoking habit.

Description of the invention

According to World Health Organization(WHO)³ number of smokers in the world is more than 1.1 billion; Tobacco kills more than 7 million people each year. More than 6 million of those deaths are the result of direct tobacco use while around 890 000 are the result of non-smokers being exposed to second-hand smoke.

Cigarette smoke contains over 4,800 chemicals, 69 of which are known to cause cancer.

According to a review published in the journal Health Physics,⁴ smoking tobacco has resulted in “443,000 deaths and 5.1million years of potential life lost among the U.S. population each year from 2000 through 2004.” Furthermore, the review estimated that the associated collective radiation dose from smoking is “more than 36 times that to the workers at all the U.S. nuclear power plants. Based on the serious critical situation of smokers worldwide it is necessary to find reliable safe alternatives to help smokers to quit smoking fast and safely and this is the subject of this paper. Formulation of the present invention relates to compositions: ozonated clove oil, ozonated virgin coconut oil, ozonated lavender oil ,liquid propolis and ozonated lime oil. This formulation can produce anti-addictive effect.

Ozonated clove oil

In a recent research paper Dusunen Adam⁵ showed that chewing clove for short period of time lead to quit smoking.

Virgin coconut oil (VCO)

The effect of VCO on nicotine dependence as well relapse was investigated⁶ in a rat model using neuroinflammatory mechanism in drug dependence and results were promising.

Ozonated lavender oil

- Lee et al.⁷ carried out a study using the aromatic inhalation therapy of ozonated lavender oil and showed a clear effect on the smoking cessation among high school girls.
- This study intends to be used as basic data that prepare an alternative to smoking cessation for high-school girls' health by determining the status of their smoking.

Liquid propolis

Propolis (bee glue) is a resinous material produced by Apis that protects the hive against intruders. Some studies⁸ have reported that propolis has immunomodulatory, anti-bacterial, anti-viral, anti-tumoral, anti-ulcer, and radio protective properties. Cigarette smoke (CS) is composed of 4000 substances. CS is the primary risk factor for developing Chronic Obstructive Pulmonary Diseases (COPD) for improving treatment strategies for diseases related to tobacco dependence. The aim of the study performed by Lopes et al⁸ was to evaluate the anti-inflammatory and antioxidant actions of propolis against ALI caused by CS.

Rhodiola rosea oil

A study carried out by Laura Mattioli, Marina Perfumi⁹ was to investigate the effects of a Rhodiola rosea L. extract on the prevention of the development of nicotine dependence and for the reduction of abstinence suffering following nicotine cessation in mice

Ozonated lime oil

A randomized controlled trial was conducted by Researchers from Thailand's Srinakharinwirot University (10) to determine the efficacy of fresh lime in smoking cessation as compared to nicotine gum. This study shows that lime can be effectively used as a smoking cessation agent. Lime has an antimicrobial activity against multiple strains of E coli and smokers usually have compromised immunity.³⁻⁵ Therefore, further studies are recommended to find out the effectiveness of lime in smoking cessation.

Maximum bioavailability

The herbal nano composition in a form of inhalers gives fast and maximum bioavailability.

Summary of the invention

The present invention relates to a nano natural formulation for treatment of nicotine dependence. The composition is formed of ozonated clove oil, ozonated virgin coconut oil, ozonated lavender oil, liquid propolis, and ozonated lime oil.

Results and discussion

The following results were obtained at Yarmouk University on random basis :

50 males and females smokers entered this trial for 2 months only and reduced the number of cigarettes between 90-100% With no side effects at all.

Safety and toxicity study

Toxicity study performed at Jordan University of Science and

Technology animal house on mice showed that the formulation is free of any adverse effects especially on liver, kidneys, lipid and other body organs.

Conclusion

This patent-pending natural formulation is expected to help millions to quit smoking. Natural agents in a form of essential oils mix are effective in smoking cessation and also they are inexpensive, easily available and helpful for those smokers who are not willing to use pharmacological treatment. Therefore it is suggested that role of the natural agents in smoking cessation should be considered and further studies should be conducted on the evaluation of the effectiveness of natural agents in smoking cessation.¹⁰

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Conflict of interest

The author declares no conflict of interest.

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