



Did you know that acetaldehyde is the most significant carcinogenic substance in tobacco smoke?

BIOHIT HealthCare
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Acetium lozenge

is a new method that effectively removes acetaldehyde from a smoker's saliva through L-cysteine contained in the lozenge.

Acetium lozenges also contain xylitol, which improves oral health.

The Acetium lozenge is not known to reduce other side effects of smoking. It is recommended to stop smoking due to all its harmful effects.

Using the Acetium lozenge

Dosage: Let 1-2 tablets dissolve in mouth during smoking.

Excessive use of xylitol may have a laxative effect. Keep out of the reach of children.



Lozenge

FOR SMOKERS

Effectively removes acetaldehyde from saliva during smoking

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Harmful effects of acetaldehyde on smokers

Acetaldehyde concentration in tobacco smoke is almost 1000 times higher than that of any of the other carcinogens. According to a WHO expert working group, the reduction of acetaldehyde in tobacco smoke should be mandatory.

Smoking and alcohol both increase acetaldehyde concentrations in the saliva. Acetaldehyde may also increase the effect causing nicotine addiction.



Acetaldehyde in a smoker's saliva

Acetaldehyde is formed in tobacco in the combustion process where the tobacco leaves, paper and the sugars, sorbitol and glycerol, which have been added to tobacco, burn.

During smoking, acetaldehyde dissolves in saliva which transports it into the mucous membranes of the throat, oesophagus and stomach. Therefore, smoking significantly increases risk of cancer specifically in these areas.

The more one smokes, the greater the exposure to acetaldehyde and cancer risk. Globally two million people get cancer of the upper gastrointestinal tract every year.

Acetaldehyde increases addiction

Acetaldehyde may also indirectly enhance the addictiveness of cigarettes due to the effects of one of its reaction products known as harman.

Harman is believed to behave in a similar way to anti-depressant drugs by improving a person's mood. This means that smoking dependence could be intensified by the mood-enhancing effects of harman in cigarettes.

How do lozenges work?

Acetium lozenges contain L-cysteine, which is a natural amino acid . It binds acetaldehyde effectively from the saliva and forms a harmless compound that can be excreted from the body.

L-cysteine removes more than 90 per cent of acetaldehyde dissolved into saliva during smoking. Normally, acetaldehyde is not found in saliva.

For more information, go to www.acetium.com