

Did you know: Smoking a pack every day produces 150 mutations in the lungs

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According to Dr. Ludmil, from Los Alamos National Laboratory, in the US, people who are **addicted to smoking** at a rate of 1 pack a day are likely to suffer genetic damage, producing **150 molecular mutations** in the cell. lung cells every year. This causes your lungs to go through the extremely dangerous cancer sooner or later.



Photo source: Internet

These types of molecular mutants cause **lung cancer** according to different mechanisms.

In addition, not only created 150 mutant cell molecules in the lungs but also produced 97 mutations in each cell in the larynx, 39 mutations for pharyngeal cells, 23 mutations for regional cells. mouth, 18 mutations in **bladder** cells, and 6 mutations in **liver** cells each year. Therefore, cigarette smoke still has the potential to cause cancer on some other organs.



Photo source: Internet

Not only that, the US team has also investigated lung cancer tumor cells taken from patients, a form of smoking, a form of non-smoking.

After conducting comparative analysis, the results showed that smokers' lung cancer cells showed more DNA cell mutations than non-smokers.



Photo source: Internet

Previously, **cigarette smoke** was estimated to contain **7000 toxic chemicals** and cause lung cancer spread all over the world and rob the lives of 6 million people every year. And this trend continues to increase to 1 billion people who will die from tobacco in the next decade. - According to statistics from the World Health Organization.

This research has just been published in the International Journal of Science.

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