

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ
ЦЕНТР**

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X ВСЕУКРАЇНСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ
КОНФЕРЕНЦІЇ СТУДЕНТІВ, АСПІРАНТІВ ТА
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**“WITH FOREIGN LANGUAGES TO MUTUAL
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INNOVATIVE TECHNOLOGIES FOR MAKING VESSELS CLEAN FROM ATHEROSCLEROTIC PLAQUES

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Very often the reasons of the illnesses connected with a cardiovascular system (mainly atherosclerosis) are: unhealthy lifestyle and a lot of environmental factors. The statistics say that atherosclerosis is one of the most common deadly diseases in the World, the death rate is nearly 800 - 100 000 (it means every 125 human).

The aim of this work is to study the etiology and pathogenesis of atherosclerosis, treatment of this disease with the help of modern technology, and clarify if modern Ukrainian medicine can establish and realize these technologies.

Atherosclerosis is a disease characterized by the deposition of cholesterol on the walls of vessels. In the end it can lead to such complications as a stroke or heart attack. Nowadays scientists from Israel invented the atheroektomical "machines" with different types of blades that clean vessels from atherosclerotic plaques not injuring the walls of vessels. The benefits of these technologies are conducting shunt directly to the place of destruction. Rotating motions of the blade cut atherosclerotic plaques, and their remains are sucked by a vacuum apparatus. In that way these technologies provide a complete cleaning of vessels from remains.

Due to the fact that this disease has spread among young people, implementing of these technologies can be an important step to help reduce the statistics of atherosclerosis.