

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

**МАТЕРІАЛИ ХІ ВСЕУКРАЇНСЬКОЇ  
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ  
СТУДЕНТІВ АСПІРАНТІВ ТА ВИКЛАДАЧІВ  
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО  
ЦЕНТРУ КАФЕДРИ ІНОЗЕМНИХ МОВ**

**“TO MAKE THE WORLD SMARTER AND SAFER”**

(Суми, 23 березня 2017 року)

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
SUMY STATE UNIVERSITY  
FOREIGN LANGUAGES DEPARTMENT  
LANGUAGE CENTRE

**MATERIALS OF THE ELEVENTH  
ALL UKRAINIAN SCIENTIFIC PRACTICAL  
STUDENTS', POSTGRADUATES' AND INSTRUCTORS'  
CONFERENCE OF LANGUAGE CENTRE OF THE  
FOREIGN LANGUAGES DEPARTMENT**

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## OSTEOPATHIC APPROACH IN UKRAINE

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Osteopathy is a practice of medicine based on the manipulations of bones and muscles. It was first promoted in 1874 by Kansas physician A.T. Still.

Osteopathy is a branch of Western medicine that incorporates alternative perspectives. Osteopathic physicians use all conventional methods of diagnosis and treatment. Additionally, they are trained to place additional emphasis on the achievement of normal body mechanics as central to maintaining good health. There are different levels of recognition in different countries. For example, it is often covered by medical insurance in the USA since osteopaths are licensed now to practice in all 50 states. Doctors of osteopathy or DO's undergo the same level of training that MD's do. They can prescribe medicine and perform surgeries, and often select a specialized area of practice, such as neurology, pediatrics etc. At the same time Quebec is the only province with a regulatory body for osteopaths in Canada. Different extent of regulations is also observed in countries of Western Europe. In Ukraine Ukrainian Osteopathic Association has been registered. You can receive a license to perform a private practice. But it's not necessary to have MD diploma for practice. Having the qualification of a nurse is enough. This medical approach is still new for our country but its popularity is growing.

Osteopaths believe that they can treat any ailments using this approach. Scientific research data is still being collected. The evidence of the effectiveness of osteopathic treatment for pediatric conditions remains unproven due to the paucity and low methodological quality of the primary studies. Osteopathy is proved to be effective on pain control associated to spinal cord injury and low backache. There are also positive results of management of initial orthostatic hypotention. The literature regarding the effectiveness of osteopathy is mixed in both quality and results. Although the quality of the randomized control studies vary greatly, the result of the studies is encouraging, particularly with the recently

published studies. This medical approach is emerging as a strategy with tremendous potential.

## INVENTIONS IN MEDICINE THAT ARE MAKING OUR LIFE LESS TROUBLESOME

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Today humanity is fighting with many diseases caused by infections, environmental pollution, hereditary disorders and others. A lot of specialists are trying to find new treatments for diseases and prevent their occurrence. They publish information about these inventions in the Internet, magazines and television. In particular: creation of artificial organs (heart, kidney, liver, pancreas and many others), production of prostheses and implants, development of new vaccines and medicines, tumor removal, regeneration of tissues and organs of the body. I am extremely interested in all the inventions in the field of traumatology. Because I think that every person has got traumas in his life (bruise, fracture, hematoma etc.) Treating of fractures is the biggest problem in traumatology as the repair can take a long time. Moreover, the patient feels pain and discomfort. Therefore, scientists have developed new treatments for fractures. A number of them can be described here:

- Scientists invented an analog of gypsum. This can be a thermoplastic or polymer bandage. The material becomes soft at a temperature of 90° C. When applied to the damaged part of the body, it acquires the desired shape and hardens in 30-40 minutes. Advantages: much lightweight than gypsum, it does not cause allergies, looks neat, material is breathable (this allows you to bathe in it).

- Ukrainian inventors have created a way to rapid healing of fractures with a special gel. This gel is based on the patient's own blood. It has been proved that the gel helps bones grow together twice as fast.

- Concerning complex fractures: conservative methods are useless and are replaced by minimally invasive operations. The