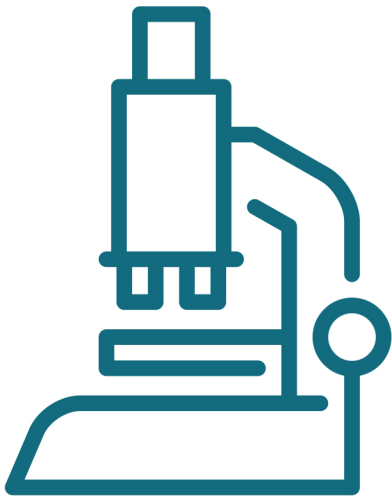


KHARKIV NATIONAL MEDICAL UNIVERSITY

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BIOMEDICAL SCIENCES



Inosine percentage of deviations from the reference values is less pronounced, but the indicators do not reach the reliability bounds.

Conclusion. So, we have established that physical activity is an unfavorable factor affecting the structure of the thyroid gland in overheating conditions, and Inosine is adequate proofreader identified morphological changes.

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MORDERN TECHNIQUES IN ANATOMY

"Human brain makes connections between visual and the acoustic perception and it's also has its own way of processing this information. Tomography is a technique for displaying a representation of a cross section through a human body or other solid object using X-rays or ultrasound. It uniquely offers scientists and clinicians an opportunity to break out of traditional 2-dimensional journal formats to fully communicate significant advances.

TYPES OF TOMOGRAPHY. 1. X-rays are a type of radiation called electromagnetic waves. X-ray imaging creates pictures of the inside of your body. The images show the parts of your body in different shades of black and white. This is because different tissues absorb different amounts of radiation. Calcium in bones absorbs x-rays the most, so bones look white. The most familiar use of x-rays is checking for broken bones, but x-rays are also used in other ways. For example, chest x-rays can spot pneumonia. Mammograms use x-rays to look for breast cancer. 2. MRI (magnetic resonance imaging) - originally called NMRI (nuclear magnetic resonance imaging), but "nuclear" was dropped to avoid negative associations. It is a medical imaging technique used in radiology to form pictures of the anatomy and the physiological processes of the body. MRI scanners use strong magnetic fields, magnetic field gradients, and radio waves to generate images of the organs in the body. MRI does not involve X-rays or the use of ionizing radiation, which distinguishes it from CT or CAT scans and PET scans. 3. CT scan (computed tomography) scan makes use of computer-processed combinations of

many X-ray measurements taken from different angles to produce cross-sectional images of specific areas of a scanned object, allowing the user to see inside the object without cutting. It is an extremely common imaging modality in modern medicine. With advancements in technology, it is rapidly replacing many diagnostic radiographic procedures. 4. Ultrasound testing helps in the diagnosis of a wide range of diseases and conditions, including stomach problems, gallbladder or pancreas problems, and abdominal pain. During an ultrasound test, high-frequency sound waves, inaudible to the human ear, are transmitted through body tissues using an instrument called a transducer. The sound waves then echo back and are picked up by the transducer, which transmits the information to a computer that displays it on a monitor. It can also measure the flow of blood in the arteries to detect blockages. During pregnancy, doctors use ultrasound to view the fetus.

So, from where I see each and every method has its own need in their particular aspects. The demerits of each and every method can be overlooked in order to receive a detailed diagnosis.

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UKRAINIAN AND AZERBAIJANI GIRLS FACE ANATOMY COMPARISON

Introduction. The study of the characteristics of different nationalities is a large value in different areas of the applied and fundamental sciences. Anaphylactics, anthropology, judicial medicine and other disciplines, will not be able to exist without certain numeric data, giving the information about distances between the different points of human face.

Aim: comparison of sizes of people's faces for the girls of Ukrainian and Azerbaijanian nationalities.

Materials of Research. Camera, dividers, face processing computer application - «Krita». 17 students of the age of 18-22 took part in the research: 8 Azerbaijanian students and 9 Ukrainian ones. The digital pictures of volunteers served as material for research, the photo from the front, photos from both sides and nose projections. Images

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