**Work Plan**

**Practical lessons**

For 2nd year medical faculty students KubSMU

Fall semester (III) 2021-2022 school year.

***A course on: “Applied morphology. Macroscopic aspects.”***

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| ***Week*** | ***Date*** | | ***Practical lesson topics*** |
| ***1*** | **01.09 – 04.09** | Morphology as a subject, objectives, tasks, object of study. Methods of in vitro study of the morphology of a human. Applied aspects of the morphology of the skull. Bones of the cerebral and facial skull. Topography, growth and development, variants and anomalies of the skull. Radiological features of the skull. | |
| ***2*** | **06.09 – 11.09** | Morphology of the connection of bones. Classification of joints. Biomechanics of joints, and radioanatomical features. | |
| ***3*** | **13.09 – 18.09** | Morphofunctional and topographic anatomical features of muscles by groups. | |
| ***4*** | **20.09 – 25.09** | Functional morphology of digestive organs. Growth and development. Developmental variants and anomalies. Methods of in vitro visualization of digestive organs. | |
| ***5*** | **27.09 – 02.10** | Functional morphology of respiratory organs. Growth and development. Developmental variants and anomalies. Methods of in vitro visualization of respiratory organs. | |
| ***6*** | **04.10 – 09.10** | Functional morphology of excretory organs. Growth and development. Developmental variants and anomalies. Methods of in vitro visualization of excretory organs. | |
| ***7*** | **11.10 – 16.10** | Functional morphology of sexual organs during the process of ontogenesis. Growth and development. Developmental variants and anomalies. Methods of in vitro visualization of sexual organs. | |
| ***8*** | **18.10 – 23.10** | Functional morphology of endocrine glands and immune system organs. Growth and development. Developmental variants and anomalies. Methods of in vitro visualization of endocrine glands and immune system organs. | |
| ***9*** | **25.10 – 30.10** | ***FINAL ASSESSMENT: Morphological features of internal organs.*** | |
| ***10*** | **01.11 – 06.11** | Morphological features of the heart. Growth and development. Variants and anomalies. Methods of in vitro visualization. | |
| ***11*** | **08.11 – 13.11** | Applied morphology of the vascular system: arteries. | |
| ***12*** | **15.11 – 20.11** | Applied morphology of the vascular system: veins and the lymphatic system. | |
| ***13*** | **22.11 – 27.11** | Morphological and topographic anatomical aspects of the structure of the upper and lower limbs. Bones and joints, muscle groups, their blood inflow and innervation, topography of nerves and vessels. | |
| ***14*** | **29.11 – 04.12** | Morphological and topographic anatomical aspects of the structure of the head and neck. Topography of the skull. Muscles, internal organs, and their blood flow and innervation. | |
| ***15*** | **06.12 – 11.12** | Morphological and topographic anatomical characteristics of the walls and organs of the thoracic, abdominal, and pelvic cavities. Topography. Blood flow and innervation of internal organs. | |
| ***16*** | **13.12 – 18.12** | ***FINAL ASSESSMENT: Topography, blood flow, and innervation of the upper and lower limbs, head, neck and torso.*** | |
| ***17*** | **20.12 – 25.12** | ***FINAL GRADED LESSON. Credit lesson.*** | |

The plan was approved at a department meeting

« 27» august 2021 г. protocol № 1

The Head of a normal anatomy S.Y.Baybakov