

PRACTICES IN PHYSICAL AND REHABILITATION MEDICINE

Of students „medicine“, V-th year in english,

Winter semester of 2022/2023 year

№	Dates From-To	Practice subject
1	15 - 16.09.2022	1. Department of Physical and rehabilitation medicine. Devices, that are used in the department. Safety procedures for working area in the department. Hydro-therapy. Thermo-therapy. Methods.
2	19 - 23.09.2022	2. Electrotherapy – types of electrical currents used in PRM practice. Low-frequency currents - nature, physical parameters, physiological action, therapeutic use. Galvanization and electrophoresis. Low frequency pulsed currents.
3	26.09 – 30.9.2022	3. Electrotherapy. Medium- frequency currents - characteristic of interference-modulated sinusoidal currents. Features, physiological effects. Medical use. Ultrasound therapy, phonophoresis - nature, physiological effect, therapeutic use. Inhalation therapy.
4	03 - 07.10.2022	4. Electrotherapy. Currents with high voltage and high frequency - nature, types, principles. Low-frequency pulse magnetic field.
5	10 -14.10.2022	5. Light-therapy. Types of light. Skin reactions. Biodose. Methods of application. Indications and contraindications. Lasers in PRM practice.
6	17 - 21.10.2022	6. Kinesiotherapy - nature, types, training. Active kinesiotherapy. Practical use in some diseases
7	24- 28.10.2022	7. Kinesiotherapy. Passive kinesiotherapy - nature, types. Medical use. Indications and contraindications
8	31.10. - 04.11.2022	8. Rehabilitation - nature, types, rehabilitation potential, principles of rehabilitation. Rehabilitation problems of disabled people.
9	07 - 11.11.2022	9. PRM in some nonspecific pulmonary diseases (bronchitis, pneumonia). PRM in asthma bronchiale. PRM in diseases of digestive system (gastroduodenitis, gall-stone disease). PRM in patients with kidney and urological diseases. PRM in some metabolic-endocrine disorders (diabetes and its complications, obesity, gout).
10	14 – 18.11.2022	10. PRM in diseases of the spinal cord (scoliosis, spondylosis, ankylosing spondylitis). PRM in diseases of the joint-ligamentary system (periarthritis, bursitis, epicondylitis, tendovaginitis).
11	21 - 25.11.2022	11. PRM in children with cerebral palsy. PRM after a birth trauma of brachial plexus during delivery.
12	28.11 – 02.11.2022	12. PRM in stroke. PRM in vertebral disease – radiculitis, disk herniation. PRM in peripheral nerve damage. Polyneuropathy.
13	05 - 9.12.2022	13. PRM in injuries of central nervous system (including post-surgical intervention). PRM of ENT diseases. Place of physical factors in complications - surgical inflammatory disease (abscess, cellulitis, panaritsium). PRM in treatment of thermal injuries.
14	12 - 16.12.2022	14. PRM of traumatic injuries of musculoskeletal system (sprains, dislocations, fractures). Zudeck disease.
15	19 - 22.12.2022	15. PRM in joint-degenerative diseases (osteoarthritis of knee and hip). PRM after joint replacement.