SLC. MS.040. LSO9001. 1693

SYLLABUS

INTERNATIONAL EUROPEAN UNIVERSITY

SCHOOL OF MEDICINE

TRAUMATOLOGY AND ORTHOPAEDICS

2023

SYLLABUS

5 ECTS Credits

The discipline takes 90 hours of 3 ECTS credits to study.

6 Structure of the discipline

Name of topics	Number of topics					
	Full-time form					
	total	Among them				
		l	Pr.	Lab.	Ind.	Inde.
1	2	3	4	5	6	7
Traumatology and orthopaedics						
Section 1. General issues of traumatology and orthopedics.						
Topic 1: Introduction to the specialty. Features of examination of traumatological and orthopaedic patients. Modern principles of fracture treatment. Damage to the shoulder girdle.	10	2	3			5
Topic 2. Traumatic dislocations. Injuries to ligaments, tendons and muscles.	11	2	4			5
Topic 3: Amputation of limbs. Rehabilitation and prosthetics of disabled people with limb defects. Treatment of trauma and orthopaedic patients in outpatient settings.	9		4			5
Section 2. Injuries to the pelvis, spine, bones and joints of the upper and lower extremities. Traumatic disease						
Topic 4. Injuries to the upper limb. Injuries to the spine.	9		4			5
Topic 5. Injuries to the pelvis. Injuries to the bones and joints of the lower limb. Application of of skeletal traction and ASF.	9		4			5
Topic 6: Traumatic illness. Polytrauma. Prolonged crush syndrome.	11	2	4			5
Topic 7. Traumatic shock. Gunshot wounds injuries of bones and joints.	5		3			2
Section 3. Degenerative-dystrophic, inflammatory and tumour diseases of the joints and spine.						
Topic 8: Degenerative and dystrophic diseases of the spine and joints.	9	2	3			4
Topic 9: Congenital and dysplastic diseases of bones and joints. Scoliosis.	7	2	3			2

Additional:

1. Modern methods of treatment of cervical spine osteochondrosis: guidelines = Modern methods of treatment of cervical spine osteochondrosis: guidelines / Compiled by: VD Shishchuk, AM Terekhov, NM Nurein, EG Mrita. Sumy: Sumy State University, 2
2. Syndrome of undifferentiated connective tissue dysplasia: from the concept of pathogenesis to treatment strategy: a textbook for students of higher education institutions of III-IV accreditation levels, interns, general practitioners - family medicine / O. V. Soleyko, N. A. Rykalo, I. P. Osypenko, LP. Soleyko.
- Vinnytsia: New book, 2014. - 168 c.
3. Theory and practice of medical rehabilitation. - X. : Maidan, 2012. - 520 c.
4. Ulis N.E. Neuroorthopedics: a manual / N.E. Ulis. - Kyiv : Medicine, 2014. - 360 c.
5. Unified clinical protocol of primary, secondary (specialised) and tertiary (highly specialised) medical care // Chronicle of Traumatology and Orthopedics. - 2018. - № 1-2 (37-38). - C .198-219.
6. Textbook "Orthopedics and Traumatology" for interns, clinical residents, doctors studying at the cycles of advanced training, specialisation and other types of postgraduate education / O.M. Khvysiuk, M.I. Khvysiuk, M.O. Korzh, G.G. Holka [et al: Original, 2018. 720 p.
7. Shyshchuk V.D., Shcherbak B.I., Terekhov A.M.. Theory and practice of comparative and post-stage rehabilitation of patients with intervertebral osteochondrosis. Study guide Sumy: LLC "VPP "Printing Factory", 2016. - 148 p.

Information resources:

http://www.nbuv.gov.ua
http://inmeds.com.ua

14 Tips for successful studying on the course

If you want to be successful in this discipline, you need to:

1. Be active, persistent, inquisitive, consistent
2. Be tidy and polite
3. Systematically prepare for practical classes
4. Perform tasks for independent work and defend them in class.
5. To be present at the class in a medical gown
6. To solve tests and tasks independently, to work actively in class.
7. Prepare presentations and crosswords on the discipline. Participate in student scientific conferences and engage in research work in the department's scientific circles.

I wish you perseverance, dedication and motivation to learn. And then success will come to you! See you in class!

Don't forget the medical gowns!