**Exam topics/questions**

A - series

1. Medical first aid, bleeding control, ATLS, TRIAGE
2. Wound types. Principles of wound care. Soft tissue defects and reconstructive surgery.
3. Etiology, diagnosis and classification of fractures. Basic principles of AO (ASIF) fracture classification.
4. Classification and management of open fractures.
5. Physiology of bone remodeling. Principles of fracture healing and treatment of bone union disorders.
6. Joint dislocations. Diagnosis and therapy of joint-related soft tissue injuries.
7. Principles and types of non-operative (conservative) fracture treatment.
8. Operative fracture treatment. Different types of ostesosyntheses. AO (ASIF) principles of fracture management.
9. Multiple trauma, polytrauma. Management of severely injured patients. Damage control. ATLS guidelines.
10. Management of the septic condition of soft tissues, bones and joints.
11. Inactivity-induced atrophy, complex regional pain syndrome (CRPS), compartment syndrome.
12. Replantation, revascularization, microsurgery.
13. Injuries of the chest.
14. Injuries of the abdomen.

B - series

1. Pelvic and acetabular fractures. Traumatic hip dislocations.
2. Femoral neck fractures and their complications. Femoral head fractures.
3. Trochanteric, diaphyseal and distal fractures of the femur.
4. Proximal and middle shaft lower leg fractures.
5. Ligament and meniscal injuries of the knee. Patellar fractures.
6. Pilon fracture. Fractures and ligament injuries of the ankle.
7. Foot fractures and dislocations. Achilles-tendon injuries.
8. Scapula and clavicle fractures. Dislocation of the AC, SC and shoulder joints.
9. Proximal and middle shaft humeral fractures.
10. Elbow fractures and dislocations.
11. Forearm fractures. Distal radius fractures.
12. Carpal and metacarpal injuries. Basic principles of immobilization of the hand.
13. Nerve injuries of the hand. Immediate and delayed nerve repair.
14. Tendon injuries of the hand.
15. Treatment of the septic hand.