

**Topics of dissertations - 2023/2024**  
**Deadline for submission of application forms: 30/06/2023**

**The diagnosis and treatment of knee ligamentous injuries**

The concept of the instability, its cause, diagnosis and methods of treatment.

*Consultant: Dr. Gál Tamás (Uzsoki Hospital Orthopaedic and Trauma Dep.)*

**The management of polytraumatized patients**

Primary osteosynthesis, early respiratory treatment, enteral nutrition, the principles of antibiotic treatment, Multiple organ failure, MOF"

*Consultant: Dr. Szerb Imre or Dr. Kállay Tamás (Uzsoki Hospital Orthopaedic and Trauma Dep.)*

**Unreamed nailing of the tibia**

Through revision of the literature You should present the advantages of the new technique. You should be informed about the possibilities of the home and foreign products, their use with the help of clinical examples.

*Consultant: Dr. Pánics Gergely (Semmelweis University Faculty of Medicine Department of Traumatology)*

**The effect of training load on soft tissue injury incidence**

*Consultant: Dr. Pánics Gergely (Semmelweis University Faculty of Medicine Department of Traumatology)*

**Possibilities for treatment of pathologic fractures and metastases of the long tubular bones**

The possibilities of surgical and other (chemo-, hormone-, radio-) therapies in case of metastases and pathologic fractures

*Consultant: Dr. Pánics Gergely (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**Retrograde nailing on the femur**

- a. You should present the development of the method, the indications at this time, the operative methods
- b. You should perform the retrograde analysis of the patients treated at the department of Traumatology of Péterfy S. Hospital. You should compare the results with the data found in the international literature.

*Consultant: Dr. Tóth Ferenc (Uzsoki Hospital)*

**Current concept of cartilage repair**

*Consultant: Dr. Szerb Imre (Uzsoki Hospital)*

**New possibilities in cartilage repair**

*Consultant: Dr. Hangody László Rudolf (Uzsoki Hospital, Orthopaedic)*

**Periprosthetic femoral fractures: risk factors, early signs, preventive**

*Consultant: Dr. Keszég Miklós (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**The role of LCA reconstruction in the development of knee osteoarthritis**

*Consultant: Dr. de Jonge Róbert (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**Possibilities of Artificial Intelligence in the treatment of articular surface defects.**

*Consultant: Dr. Szócs Gyula Ferenc (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**The role of anterior cruciate ligament reconstruction in the development of osteoarthritis**

*Consultant: Dr. Máté Miklós (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**Comparison of different imaging methods in diagnosis of knee soft tissue injuries**

*Consultant: Dr. Kocsis Koppány Péter (Uzsoki Hospital, Orthopaedic and Trauma Dep.)*

**Data assessment and outcome evaluation of acetabular fractures in the elderly treated with hybrid method**

*Consultant: Dr. Kocsis András Bernát (Dr. Manninger Jenő Traumatology Center, Dr. Szébeny Miklós Semmelweis University Faculty of Medicine Department of Traumatology)*