IMPLANTOLOGY II.

Department of Oro-Maxillofacial Surgery and Stomatology

Lecturer: ***Dr. Árpád Joób-Fancsaly***

Lectures (1 hour/week)

Course Syllabus:

Bone replacement:
Osteoconduction. Osteoinduction. Bone grafting materials.
Guided Bone Regeneration /GBR/. Bone grafting procedures in the outpatient surgery.
Osteogenesis, bone transplantation. Distraction osteogenesis.
The sinus-lift procedure. Indications, contraindications, surgical techniques.
The periodontal aspects of implant therapy.
Nobel-Biocare implant system.
ITI- Straumann implant system.

Implant prosthodontics:
Crowns on implants. Fixed dental prosthesis on implants. Mesio-structures, combined /fixed-removable/ prosthesis on implants.
Esthetic considerations in implant surgery. Surgical management of soft tissues.
Comprehensive lecture. Implant therapy in the practice. Planning and completing in different anatomical situations.

Guided surgery in oral implantology.

Implant failures. Biological, mechanical complications and their management.

Practice: No practice only lecture according to the new curriculum

Final exam

Practice of Implantology complements and deepens the knowledge obtained during the theoretical course

Diagnostics – X-ray diagnostics, CBCT analysis, introduction of X-ray and surgical template
Introduction of the Straumann system – emphasize on the unique properties of the system (surface, comparison of 1-stage / 2-stage surgical method, Implant Surgery overview through the system
Introduction of the SIC system – emphasize on the unique properties of the system, Prothetics of the SIC system. Practicing the steps of the prostethics on a model, cad-cam based prosthetic abutment, safe on four concept, platform switching, Balance healing screws and and abutments
Guided bone regeneration through the products of Geisthich company – inroduction of the metods of bone augmentation techniques, sinus-liftig, lateral bone augmentation practicing on models
Smart Guide System overview – emphasize on the unique properties of the system, irtoduction of the guided implant surgery
Osstem system overview – emphasize nt he unique properties of the system, itroducion of the failures of implantotolgy and their solutions, practicing on models