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| ***Items*** | ***Requirements*** |
| **Lecture title** | Immediate Oral Implantation - Robotic prosthetic systems |
| **Objectives** | Acquiring the knowledge of general and local evaluation of the prosthetic candidate in immediate implant therapy, of the clinical and technological stages of robotic assisted implant prosthesis, deepening theoretical and practical knowledge on the specifics of prosthesis, knowledge of modern robotic systems in implant prosthesis, establishing indications, contraindications. |
| **Aim group** | Year VI Dental Medicine Students, English Section |
| **Participants** | Minimum number 30; maximum accepted 70 |
| **Topics** | 1. Treatment criteria for fixed prostheses in immediate implantation, advantages and disadvantages of using robotic systems  2. Treatment criteria for mobile prostheses in immediate implantation, advantages and disadvantages of using robotic systems  3. Biomechanics and aesthetics of fixed prostheses through robotic systems  4. Biomechanics and aesthetics of prostheses mobilizable by robotic systems  5. Clinical and technological algorithm for making fixed prostheses in robot-assisted immediate implantation in particular clinical situations  6. Clinical and technological algorithm for making mobile prostheses in immediate assisted robotized implantation in particular clinical situations  7. Dispensarisation of patients with prosthesis by robotic systems in immediate implantation in particular clinical situations |
| **Bibliography** | 1. Dental Prosthetics, coordinator Forna N.C., Encyclopedic Publishing House, 2011 ISBN 978-973-45-0634-7  2. Atlas of Immediate Dental Implant Loading, Editors: Peñarrocha-Diago, Miguel, Covani, Ugo, Cuadrado, Luis (Eds.), 2019, ISBN 978-3-030-05546-2  3. Misch's Contemporary Implant Dentistry, 4th Edition, Carl Misch, Randolph Resnik, Mosby Publishing, 2020, ISBN: 9780323391559  4. Palacci P., Ericsson I. - Esthetic Implant Dentistry: Soft and Hard Tissue Management, Quintessence Publishing, 2000, ISBN-13: 978-0867153927 |
| **Competences (abilities acquired)** | Professional skills  The graduate will have the necessary knowledge to develop a diagnosis and an investigation-investigation on prosthetics by robotic systems  The graduate will have the necessary knowledge to guide a treatment plan and perform an appropriate therapy, individualized following the correct, multidisciplinary assessment (radiological, general medical status), clinical and paraclinical examination.  Transversal skills  The graduate of the master's course in the field of assisted prosthesis with robotic systems in immediate implantation will be able to interpret and critically evaluate the results obtained, formulating interpretative variants based on arguments and counter-arguments. |
| **Teaching methods and lecture notes** | The teaching process uses multimedia presentations in an interactive system, with analyzes and debates on clinical cases |
| **Responsable** | Prof.Univ.Dr.Norina Forna |
| **Associated lecturer** | - |
| **Keywords** | Immediate Oral Implant Therapy  Robotic systems  Implant prosthesis |

**OPTIONAL DISCIPLINES - OFFER**

**UNIVERSITY YEAR 2020-2021**