

Course Title	Fixed and Removable Prosthodontics IV				
Course Code	DES565				
Course Type	Compulsory				
Level	Bachelor (1 st Cycle)				
Year / Semester	5 th year / 10 th semester				
Teacher's Name	TBA				
ECTS	5	Lectures / week	1 hr / 13 weeks + exam week	Clinic / week	4 hrs / 13 weeks + 5 hrs / 6 weeks
Course Purpose and Objectives	<p>This course aims to familiarise the students with evidence-based decision making and practice in Prosthodontics. This will be achieved through the delivery of clinical seminars during which journal articles on selected clinical topics will be presented and discussed in groups. The students will also undertake the presentation of relevant journal articles in support or in disagreement to the selected papers to initiate discussion and critical thinking.</p>				
Learning Outcomes	<p>Upon successful completion of this course students should be able to:</p> <ul style="list-style-type: none"> • Identify and access peer reviewed journal articles relevant to specific clinical topics • Critically read and evaluate journal articles • Summarise the available scientific literature • Identify clinically relevant conclusions from the scientific literature • Translate findings from the scientific literature into practice • Discuss their clinical cases and base their clinical treatment plans on relevant scientific literature. 				
Prerequisites	None		Co-requisites	None	
Course Content	<ul style="list-style-type: none"> • TMD & Splint appliances: Discuss different types of splints and explore the existing evidence on how they impact patients with TMD. Discuss alternative treatment options to splint therapy. • Denture Related Stomatitis: evidence on aetiology and management • Soft tissue management: Discuss clinical options including crown lengthening, electrosurgery, curettage and the use of impregnated retraction cords. Discuss the importance of the biologic width and how planning for crowns can sometimes affect it. 				

	<ul style="list-style-type: none"> • Evidence on the use of articulators and facebows in complete denture prosthodontics. • Implant dentistry (Surgical Overview): Appraise the papers by Tanner on the impact of soft tissues in Implant surgery. Understand how implants are placed now based on the final prosthesis and not entirely on the availability of bone. Discuss how different types of implants: tissue level or bone level can affect the aesthetics and hygiene on anterior and posterior crowns. • Facts and Fallacies: An Evidence Base for Complete Dentures. • Implant dentistry (Prosthetic Overview): Discuss screw vs cement retained prosthesis. Look at the evidence and discuss clinical cases. • Evidence on the integration of CAD/CAM techniques in Removable Prosthodontics. • Implants vs Teeth: Look into the evidence on patient selection for implant placements. Discuss the evidence on tooth prognosis and restorability. Use of clinical cases to demonstrate when implants are indicated and when contraindicated. • Evidence-based guidelines for the care and maintenance of complete dentures. • Managing failures in prosthodontics. Discuss biological and mechanical failures in both fixed and removable prosthodontics. Discuss on management of such failures. • The fixed – removable prosthodontics interface: precision attachments & milled crown/bridgework. Case presentations and clinical discussion. Evidence on patient satisfaction. Complications and survival rates. • Case Presentations & Discussions.
Teaching Methodology	Face-to-face
Bibliography	<p>Shillingburg HT, Sather Jr DA, Wilson Jr EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC. Fundamentals of Fixed Prosthodontics. Hanover Park, Illinois: Quintessence Publishing, 2012.</p> <p>Rosenstiel SF, Land MF, Fujimoto J. Contemporary Fixed Prosthodontics. St. Louis: Elsevier, 2015.</p> <p>Hagiwara Y. Color Atlas of Fixed Prosthodontics. Hanover Park, Illinois: Quintessence Publishing, 2013.</p> <p>Carr AB, Brown DT. McCracken's Removable Partial Prosthodontics. St. Louis: Elsevier, 2016.</p>

	<p>Zarb GA, Hobkirk J, Eckert S, Jacob R. Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Protheses. St. Louis: Elsevier, 2013.</p> <p>Additional reading:</p> <p>Journals will be provided throughout the semester</p> <p>O'Brien WJ. Dental Materials and Their Selection. Hanover Park, Illinois: Quintessence Publishing, 2008.</p> <p>Budtz-Jorgensen E. Prosthodontics for the Elderly: Diagnosis and Treatment. Hanover Park, Illinois: Quintessence Publishing, 1999.</p>								
<p>Assessment</p>	<table border="1"> <tr> <td data-bbox="416 674 1023 752">Final Examination</td> <td data-bbox="1023 674 1463 752">60%</td> </tr> <tr> <td data-bbox="416 752 1023 831">Laboratory / Clinical Work / Oral presentations</td> <td data-bbox="1023 752 1463 831">30%</td> </tr> <tr> <td data-bbox="416 831 1023 869">Participation and attendance</td> <td data-bbox="1023 831 1463 869">10%</td> </tr> <tr> <td data-bbox="416 869 1023 949">Total</td> <td data-bbox="1023 869 1463 949">100%</td> </tr> </table>	Final Examination	60%	Laboratory / Clinical Work / Oral presentations	30%	Participation and attendance	10%	Total	100%
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<p>Language</p>	<p>English</p>								