Prosthodontics

Interim Head
• Michael J. Kanellis

Professional certificate: prosthodontics
Faculty: https://www.dentistry.uiowa.edu/prosthodontics-faculty
Website: https://www.dentistry.uiowa.edu/prosthodontics

Prosthodontics Courses

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<th>credit hours</th>
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<td>Advanced Removable Prosthodontic Technique</td>
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<td>PROS:5720</td>
<td>Advanced Instrument Technique</td>
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<td>Clinical Issues and Treatment Planning in Prosthodontics</td>
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<td>Fixed Prosthodontics Literature Review I</td>
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<td>PROS:6700</td>
<td>Maxillofacial Prosthodontics Seminar</td>
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<td>PROS:6710</td>
<td>Dental Implant Surgery for Prosthodontic Residents</td>
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<td>PROS:7700</td>
<td>Maxillofacial Prosthodontics Rotation</td>
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- **PROS:8120** Treatment of Dentulous Patients: Introduction to Occlusion Lecture 1 s.h.
  Introduction to principles of occlusion and their clinical application.

- **PROS:8121** Treatment of Dentulous Patients: Introduction to Occlusion Lab 1 s.h.
  Patient simulation exercises demonstrating principles of occlusion.

- **PROS:8122** Treatment of Dentulous Patients: Fixed Prosthodontics for Single Anterior Teeth Lecture 1 s.h.
  Basic biomechanical principles of fixed prosthodontics for single anterior teeth; basic principles of tooth preparation, clinical steps, and digital procedures for fabrication of anterior single-tooth all-ceramic crowns and interim crowns. Prerequisites: PROS:8120 and PROS:8121.

- **PROS:8123** Treatment of Dentulous Patients: Fixed Prosthodontics for Single Anterior Teeth Lab 1 s.h.
  Patient simulation exercises in single anterior tooth preparation and fabrication of single-unit anterior all-ceramic and interim restorations. Prerequisites: PROS:8120 and PROS:8121.

- **PROS:8124** Treatment of Dentulous Patients: Fixed Prosthodontics for Single Posterior Teeth Lecture 1 s.h.
  Basic biomechanical principles of fixed posterior single tooth prosthodontics; diagnosis and treatment planning for dentate patients including occlusion. Prerequisites: PROS:8120 and PROS:8121 and PROS:8122 and PROS:8123.

- **PROS:8125** Treatment of Dentulous Patients: Fixed Prosthodontics for Single Posterior Teeth Lab 1 s.h.
  Patient simulation exercises in single posterior tooth preparation and laboratory fabrication of single-unit posterior definitive and interim restorations. Prerequisites: PROS:8120 and PROS:8121 and PROS:8122 and PROS:8123.

- **PROS:8240** Treatment of Partially Edentulous Patients: Fixed Multi-Unit Prosthodontics Lecture 1 s.h.
  Basic biomechanical principles of fixed prosthodontics for multiple-unit fixed prostheses; diagnosis and treatment planning for partially edentulous patient, including occlusion and esthetic concerns.

- **PROS:8241** Treatment of Partially Edentulous Patients: Fixed Multi-Unit Prosthodontics Patient Simulation I 1 s.h.
  Patient simulation exercises in preparation and fabrication of a three-unit fixed partial dental prosthesis and interim restoration.

- **PROS:8242** Treatment of Partially Edentulous Patients: Single Tooth Implant Lecture 1 s.h.
  Principles, clinical steps, materials, and laboratory procedures necessary for single tooth fixed implant treatment. Prerequisites: PROS:8240 and PROS:8241.

- **PROS:8243** Treatment of Partially Edentulous Patients: Single Tooth Implant Patient Simulation 1 s.h.
  Clinical steps in laboratory procedures for single tooth implant surgical guide fabrication and restoration. Prerequisites: PROS:8240 and PROS:8241.

- **PROS:8244** Treatment of Partially Edentulous Patients: Removable Partial Prosthodontics Lecture 1 s.h.
  Basic biomechanical principles of tooth replacement with removable partial prosthodontics; diagnosis and treatment planning for partially edentulous patients. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243.
PROS:8245 Treatment of Partially Edentulous Patients: Removable Partial Prosthodontics Patient Simulation 1 s.h.
Laboratory exercises in basic principles, clinical steps, and laboratory procedures necessary for fabrication of removable partial dentures. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243.

PROS:8246 Treatment of Edentulous Patients: Removable Complete Prosthodontics Lecture 1 s.h.
Fundamental principles of diagnosis and treatment planning for edentulous patients, surgical and prosthodontic protocols for oral rehabilitation of edentulism. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243 and PROS:8244 and PROS:8245.

PROS:8247 Treatment of Edentulous Patients: Removable Complete Prosthodontics Patient Simulation 1 s.h.
Laboratory exercises in basic principles, clinical steps, and laboratory procedures necessary for fabrication of complete dentures, including implant over-dentures. Prerequisites: PROS:8240 and PROS:8241 and PROS:8242 and PROS:8243 and PROS:8244 and PROS:8245.

PROS:8360 Prosthodontic Clinic arr.
Experience supplemented by individual supervision, demonstration.

PROS:8365 Prosthodontic Seminar I 1 s.h.
Application of knowledge in biological, basic sciences, and technique to clinical fixed and removable prosthodontics procedures.

PROS:8366 Prosthodontic Seminar II 1 s.h.
Application of knowledge in biological, basic sciences, and technique to clinical fixed and removable prosthodontics procedures.

PROS:8369 Introduction to Clinical Prosthodontics I 4 s.h.
Introduction to application of knowledge in principal, biological, basic sciences, and techniques to clinical fixed, removable, and implant prosthodontics procedures; clinical prosthodontics experience supplemented by individual supervision, demonstration.

PROS:8370 Introduction to Clinical Prosthodontics II 8 s.h.
Application of knowledge in principal, biological, basic sciences, and techniques to clinical fixed, removable, and implant prosthodontics procedures; clinical prosthodontics experience supplemented by individual supervision, demonstration.