PRELIMINARY PROGRAM

Lynda J. Young Conference Room (6-410 Moos HS Tower) & 4th floor Simulation Lab

Friday, May 5, 2017

Lynda J. Young Conference Room (6-410 Moos HS Tower)

Welcome and Introduction

Dr. Paul Olin, Director
Postgraduate Program in Contemporary, Esthetic & Implant Dentistry

12:00 Implant Treatment Through an Understanding of Complications

Dr. Jay Malmquist

Contemporary surgical techniques
Ridge preservation
Immediate extraction and placement
Current flap design for esthetic considerations
When to graft bone and what materials to use
Soft tissue grafting—where is the future headed?

2:30 Refreshment/Networking break

2:45 Implant Treatment Through an Understanding of Complications (continued)

Dr. Malmquist

5:00 Dinner (included)

5:45 Implant Treatment Through an Understanding of Complications (continued)

Dr. Malmquist

7:15 Refreshment/Networking break

8:45 Questions and Answers

Dr. Malmquist

9:15 Adjourn
Saturday, May 6, 2017

Lynda J. Young Conference Room (6-410 Moos HS Tower)

8:00  **Contemporary Implant Prosthodontics**  Dr. Edwin McGlumphy

What works and what does not work
Biomechanics and materials
Screw retention vs. Cementation
Immediate loading/immediate temporization - when & where
Restorative options for the edentulous patient
Where the future is headed

10:00  Refreshment/Networking break

10:15  **Contemporary Implant Prosthodontics**  (continued)  Dr. McGlumphy

12:00  Luncheon (included)

12:45  **Contemporary Implant Prosthodontics**  (continued)  Dr. McGlumphy

2:30  Refreshment/Networking break

3:00  **Contemporary Implant Prosthodontics**  (continued)  Dr. McGlumphy

4:45  *Questions & Answers*  Dr. McGlumphy

5:15  Adjourn
Sunday, May 7, 2017

Lynda J. Young Conference Room (6-410 Moos HS Tower)

8:00  **LECTURE: Treatment Planning and Communication from the Restorative Perspective**  
Dr. Paul Olin

8:30  **LECTURE: Implant Site Preparation Principles**  
Dr. Salah Huwais

- Surgical implantology 101
- Anatomical consideration
- Wound healing principles
- Bone biomechanics

10:00  Refreshment break

10:15  **LECTURE: Implant Site Preparation—Simplicity and Predictable Outcomes**  
Dr. Huwais

- Osteotomy instrumentation
- Standard drilling
- Bone expansion
- Osseodensification
- Flap design and soft tissue consideration

12:15  Luncheon (included)

1:00  **LECTURE: Long-term Outcomes**  
Dr. Olin

- University of Minnesota experience
- Literature review

**Patient Presentations and Discussion**

4th Floor Moos HS Tower • Simulation Laboratory

2:45  **HANDS-ON WORKSHOP**  
Dr. Olin & Huwais

- osteotomes
- extraction drilling
- osseodensification preparations

4:30  Question and answers  
Dr. Olin

Course Wrap-up

5:00  Adjourn
Guest Speakers

Salah Huwais, D.D.S., maintains a full-time private practice focusing on periodontics and implants in Jackson, Michigan. Dr. Huwais completed his periodontics implantology surgical training at the University of Illinois at Chicago in 1997. He served as a faculty member at the University of Michigan School of Dentistry teaching in the Graduate Periodontics Clinic, and currently serves as an Adjunct Clinical Assistant Professor at the University of Minnesota, Dental Implant Program. Dr. Huwais has published in the Journal of Periodontology and lectures nationally and internationally on periodontal and surgical implantology procedures. He holds Diplomate status in both the American Board of Periodontology and the American Board of Implantology. He is the founder of Osseodensification and has developed a surgical instrument that helps in jaw bone expansion and densification.

Jay P. Malmquist, D.M.D, Professor, Oral and Maxillofacial Surgery, Oregon Health and Science University (OHSU) School of Dentistry. Dr. Malmquist is a graduate of the University of Oregon and the OHSU School of Dentistry. He completed an internship in the US Army and his residency in Oral and Maxillofacial Surgery at OHSU. Dr. Malmquist is a Diplomate of the American Board of Oral and Maxillofacial Surgery and completed seven years on the ABOMS exam committee. He has authored numerous articles on bone grafting and bone regeneration and written several chapters in current textbooks. He is the past treasurer and past president of AAOMS. Dr. Malmquist has received research support from Medtronics and is a Consultant for Medtronics, OTA & 3i-Biomet. He maintains a private practice in Portland, Oregon.

Edwin A. McGlumphy, D.D.S., M.S., Associate Professor, Restorative and Prosthetic Dentistry, The Ohio State University College of Dentistry. Dr. McGlumphy has served as principal investigator for multiple studies on implant component properties and implant clinical trials. This work has led to over 30 publications and $3.5 million in extramural funding. Dr. McGlumphy has been a reviewer for the Journal of Prosthetic Dentistry and the Journal of Oral and Maxillofacial Implants. He has a private practice limited to implant prosthodontics and lectures internationally in the field of implant dentistry. Dr. McGlumphy has served as a consultant and/or has received research support from Nobel Biocare, 3i Implant Innovations, Stryker, Astra Tech, and Zimmer Dental.

Faculty

Paul S. Olin, D.D.S., M.S., Associate Professor, Division of Prosthodontics, Department of Restorative Sciences; Director, Dental Implant Program; University of Minnesota School of Dentistry. Dr. Olin also maintains an active prosthodontic and esthetic dentistry practice. He has acted as principal investigator on implant research that has included pre-market approval studies for a number of implant systems, as well as biomechanical research on implants. Dr. Olin has received grant support from Lifecore Biomedical, IMTEC and has received royalties from 3i Implant Innovations, Inc. Dr. Olin is the Director of the Postgraduate Programs in Esthetic Dentistry: Levels I-III at the University of Minnesota.