

# MANAGING IMPLANT COMPLICATIONS & PERI-IMPLANTITIS

Complications affecting osseointegrated implants are a topic of major interest in contemporary dentistry. As more people today are choosing dental implants over traditional methods of tooth replacement, a corresponding rise in the number of postimplant complications can be observed. These procedures are no longer limited to specialists, therefore clinicians without advanced training and skills are involved in implant placement and implant-related restorations.

An estimated one million implants will require therapy for implant and bone graft related complications. Therefore, successful management of peri-implantitis requires a thorough understanding of the underlying medical and dental factors involved in the overall complex of the disease.

Some surgical and technical complications may be relatively minor and easy to correct, while others will be major and result in the loss of the implant, permanent damage of adjacent anatomical structures, or can be life-threatening.

## Instructor: Arun K. Garg, DMD

**Dr. Arun K. Garg** earned his engineering and dental degrees from the University of Florida, and completed his residency training at the University of Miami/Jackson Memorial Hospital. For nearly 20 years Dr. Garg served as a full-time professor of surgery in the Division of Oral and Maxillofacial Surgery, and as Director of Residency Training at the University of Miami's School of Medicine. Respected by peers and students alike, Dr. Garg was frequently recognized as Faculty Member of the Year by his residents. Dr. Garg continues to develop and refine many surgical techniques and devices that simplify dental implant surgery and make it more predictable. Arun is the current president of the International Dental Implant Association. His four private practices are located throughout South Florida.



CE Hours: 8

## Course Content:

### Soft Tissue Complications

- Plaque Accumulation Around Implants/Poor Hygiene
- Peri-Implant Bone Loss
- Inflammation
- Peri-Implantitis
- Mucosal Hyperplasia

### Hardware-Related Complications

- Loose/Broken/Stripped Abutment Screw
- Fractured Implant
- Broken Abutment
- Failed Overdenture Implant
- Loose Cover Screw

### Positioning/Placement Complications

- Supracrestal Placement
- Malpositioned Implant (Too Buccal, Palatal, Angled, Crowded)
- Instrumentation Error

### Early Onset Complications

- Bruising/Swelling
- Paresthesia/Dysesthesia
- Hollow Bone
- Excess Cement Retention
- Implant Displacement into Sinus
- Aspiration/Ingestion of Hardware

## Participants Will Learn:

At the end of this session, participants will be able to:

- Know the primary etiologies of peri-implantitis and the appropriate treatment responses for each.
- Develop a differential diagnosis for mucosal hyperplasia and know how to treat accordingly.
- Know several different techniques for retrieving a broken or stripped abutment screw.
- Determine whether to address a malpositioned implant prosthetically or surgically.
- Take necessary precautions to avoid patient aspiration or ingestion of implant hardware.

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