

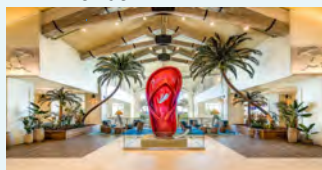


Instructor:
Randolph R. Resnik, DMD, MDS

PRESS RELEASE

We Are Back in Session !!

- Session 2 (Sept 25-26) was an enormous SUCCESS with over 60 attendees
- Temperature checks, sanitation stations and social distancing led to an outstanding first session back from Covid-19
- Even more good news...COVID -19 Restrictions have been lifted by the state of Florida



**Margaritaville Resort Hotel
Orlando Florida**

Session 1

Patient Evaluation, Treatment Planning, & Implant Placement into Abundant Bone

Session 2

September 25-26, 2020

Multiple Implant Placement and Treatment of the Edentulous Arch

CBCT BOOT CAMP

October 15, 2020

Session 3

October 16-17, 2020

Implant Placement & Bone Augmentation into Compromised Sites

Session 4

November 20-21 2020

Treatment of the Posterior Maxilla: Osteotome & Lateral Wall Technique

Session 5

January 8-9, 2021

Immediate Placement & Loading, Soft Tissue Considerations

FDA Approves First Combination of Ibuprofen and Acetaminophen for Management of Acute Pain

by Randolph R. Resnik DMD, MDS

Opioid and nonopioid analgesic agents are the most common medications prescribed for pain management related dental implant procedures. The Centers for Disease Control and Prevention (CDC) in 2016 recommended the limitation of opioid-containing medications because of the increased occurrence of opioid misuse. With the goal of pain management safety and efficacy, GlaxoSmithKline has recently announced that the U.S. Food and Drug Administration (FDA) has approved a unique dual action pain medication. Advil Dual Action with Acetaminophen, is the first FDA-approved over-the-counter combination of ibuprofen and acetaminophen which is available nationwide. This medication will combine two of the most widely used analgesics in the world, both with well-established efficacy and safety profiles.

This exclusive pain-fighting formula will combat pain via two different pain mechanisms. In general, non-steroidal anti-inflammatory drugs (NSAIDs) such as aspirin and ibuprofen provide relief from pain and inflammation through their actions on cyclooxygenase (COX) enzymes. In the 1990's, two COX isozymes, COX-1 and -2, were identified as catalysts for prostaglandin biosynthesis. COX-1 is considered a "housekeeping" enzyme which is responsible for the maintenance of vascular hemostasis and is induced by factors such as endotoxins and cytokines and are active at sites of inflammation. These enzymes produce prostaglandins that mediate inflammatory and pain sensation responses. Ibuprofen's mode of action results in a decreased synthesis of pain- and inflammation-promoting prostaglandins via nonselective inhibition of COX-1 and COX-2.



A relatively new isozyme, COX-3, is thought to be the site of action of acetaminophen. Because the properties of acetaminophen are much different than most typical NSAID's, it exerts its effects via CNS COX inhibition and activation of central serotonergic pathways. Acetaminophen inhibits the synthesis of prostaglandins by competing with arachidonic acid for the active site on the COX enzyme.

Therefore, this combination allows the ability to fight pain using two different approaches to maximize the efficacy. Each Advil Dual caplet contains 125mg of ibuprofen and 250mg of acetaminophen and is indicated for adults and children 12 years of age and older (Dosage = two caplets every 8 hours). This new combination was based on research data that showed the fixed-dose combination therapy was associated with superior pain relief compared with the individual components taken alone. A recent study published by Dr. Paul A. Moore concluded that the most effective medication for dental pain was the combination of ibuprofen and acetaminophen, even when compared to the most commonly used opioids.

In summary, it has been shown that opioid medications are not the only option for the management of dental pain. Although there exist situations in which clinical judgment may necessitate the use of opioids, the recent data shows compelling evidence of the use of nonsteroidal medications with acetaminophen. From the perspective of a risk-benefit analysis, the use of a dual combination using ibuprofen and acetaminophen which act on different pain pathways, is advantageous in being used as a first line treatment of dental pain.

Moore, Paul A., et al. "Benefits and harms associated with analgesic medications used in the management of acute dental pain: an overview of systematic reviews." The Journal of the American Dental Association 149.4 (2018): 256-265.



SURGICAL SESSION 3:

Implant Placement & Bone Augmentation into Compromised Sites

October 16-17, 2020

Orlando, FL

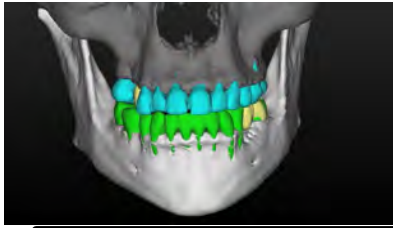
COURSE TOPICS:

- Treatment of Osseous Defects
- Use of Bone Substitutes and Membranes
- Step-by-Step Augmentation Procedures
- Use of Platelet Rich Fibrin (PRP)
- Venipuncture Technique
- Bone Grafting Complications
- Division B Implant (Small Diameter)
- CBCT Interactive Treatment Planning
- Practice Management - Integrating Implants In Your Practice

HANDS - ON LAB:

- Tissue Stretching
- Tent Screw Membrane Graft
- 2nd Stage Tissue Manipulation
- Platelet Rich Fibrin (PRP) + Sticky Bone
- Venipuncture
- Ramus Harvest Lab
- Advanced Suturing Techniques

[CLICK HERE TO REGISTER](#)



CBCT BOOTCAMP:

October 15, 2020

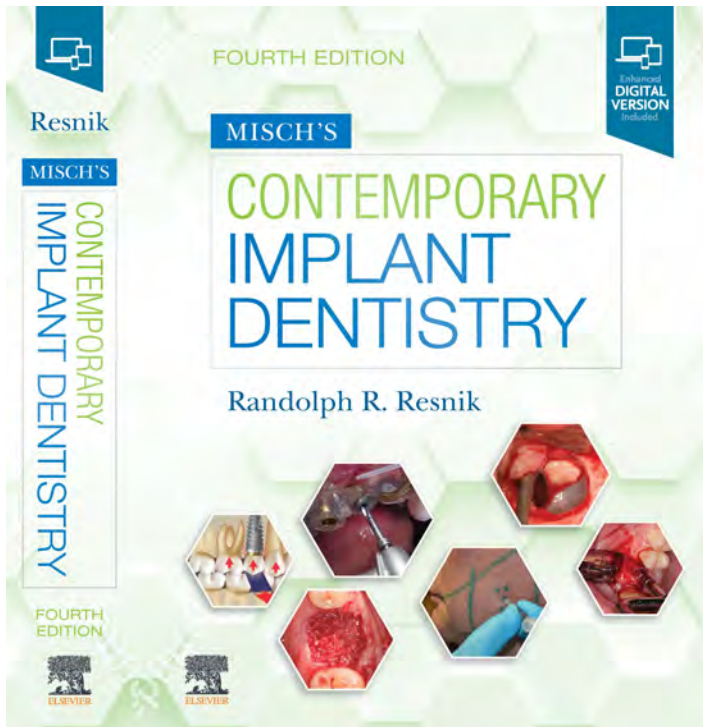
Orlando, FL

COURSE TOPICS:

- Normal Anatomy
- Abnormal and Variant Anatomy
- Identification of Anterior Loops
- Dual Scan Technique
- CBCT 3D Printing
- Bone Density Evaluation
- CBCT Inherent Complications
- Mandibular Nerve Mapping
- Maxillary Sinus Pathology
- Maxillary Sinus Implant Placement
- CBCT Interactive Treatment Planning
- Digital Impression Surgical Template Design
- Surgical Template Protocol
- CBCT Bone Models
- Immediate Placement and Loading
- Legal Considerations with CBCT Scans

HANDS - ON LAB:

[CLICK HERE TO REGISTER](#)



4th Edition Contemporary Implant Dentistry by Randolph R. Resnik

*"a must read"
"most comprehensive reference available"*

Gordon J. Christensen, DDS, MSD, PhD

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- 42 Chapters

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QUESTIONS OF THE MONTH

#1: IMPLANT QUESTION OF THE MONTH



16 weeks after placement of an endosseous implant, the patient presents with partial exposure of the implant cover screw after a two stage surgery technique. How should you treat this partial exposure?

- Monitor until you uncover the implant
- Use chlorhexadine locally
- Remove the tissue over the cover screw and place a low profile healing abutment
- No Treatment

#2 IMPLANT STUDY OF THE MONTH:

In a recent study published in the American Journal of Preventive Medicine, the dental profession were found to nationally prescribe 1 in 10 of all short duration opioids. In a cross-sectional analysis of almost 600,000 dentists, the following were noted:

- 29% of the prescribed opioids exceeded the recommended morphine equivalents for management of acute dental pain.
- 53 % exceeded the recommended daily supply
- Patients aged 18-34 years of age and male patients were the most commonly overprescribed
- Up to 1 in 2 opioids prescribed to dental patients were concluded to be “overprescribed”

Suda, K. J., Zhou, J., Rowan, S. A., McGregor, J. C., Perez, R. I., Evans, C. T., ... Calip, G. S. (2020). Overprescribing of Opioids to Adults by Dentists in the U.S., 2011–2015. American Journal of Preventive Medicine. doi:10.1016/j.amepre.2019.11.006

NEW MEETING GUIDELINES DUE TO COVID 19

The Misch Institute is dedicated to providing a safe, healthy environment for our future meetings. Strict social-distancing protocols will be implemented along with COVID-19 prevention supplies being made available to all staff and attendees. In addition, the Misch Institute has integrated the following CDC recommended strategies and guidelines;

- All lectures will be in an enlarged space (Main Ballroom)
- One attendee per 6-foot table
- Enlarged Exhibitor space and tables
- Hand Sanitizer , Disposable Facemasks, and trash baskets available
- Service stations to be sanitized once per hour along with common and high-traffic areas
- Coffee and other breakout times will be served with disposable cups
- Bottled water in lieu of water carafes on meeting tables
- Temperature evaluation and questionnaire completion prior to meeting

The Misch Institute along with the Margaritaville Resort and Hotel will continually monitor the latest CDC guidelines and implement new policies as necessary. We appreciate everyone’s understanding and flexibility with this very difficult situation. If you have any questions, please contact Heidi at 248-642-399.

*Respectfully,
Randolph R. Resnik, DMD, MDS Director – Misch Implant Institute*

ANSWERS

#1: IMPLANT QUESTION OF THE MONTH

ANSWER:

- c. "Remove the tissue over the cover screw and place a low profile healing abutment"

Partial implant exposure has been associated with increased peri-implant bone loss, likely because of a less favorable environment for oral hygiene access. Therefore, a partial exposure should surgically be converted to a complete exposure at an early stage to facilitate oral hygiene access and to prevent further peri-implant bone loss. This has been confirmed in numerous clinical studies.

- Tal H, Dayan D. Spontaneous early exposure of submerged implants: II. Histopathology and histomorphometry of nonperforated mucosa covering submerged implants. *J Periodontol.* 2000;71:1224-1230.
- Tal H, Dayan D. Spontaneous early exposure of submerged implants: III. Histopathology of perforated mucosa covering submerged implants. *J Periodontol.* 2000;71:1231-1235.

LISTEN TO DR. RESNIK'S WEBINARS (*click link to view*)

Current: Glidewell # 5: Treatment Planning in Oral Implantology October 22 @ 1:00PM PST / 4:00PM EST

- Past:
- 3DDX # 1: CBCT Treatment Planning (April 29, 2020)
 - 3DDX # 2: CBCT Treatment Planning (May 12, 2020)
 - 3DDX # 3: Advanced CBCT Tx Planning (Aug 21, 2020)
 - Glidewell # 1: Systemic Health and Dentistry: Patient Premedication, Antibiotics, Steroids, Pain Medication
 - Glidewell # 2: Surgical Complications: Etiology, Management and Prevention
 - Glidewell # 3: Principles of Occlusion for Implant Restorations
 - Glidewell # 4: Literature-Based Socket Preservation Protocol
 - Salvin Dental: Explanation of Implants (September 16, 2020)