CCLUSION

For predictable restorative dentistry

OCCLUSION MATERIALS PARAFUNCTION MANAGEMENT

September 15-17, 2016
The Walt Disney World Swan resort Orlando, Florida
21 Hours CE $2595.
Call 941-957-0063 or visit www.ChasolenEducation.com
Dear Friends and Colleagues,

Without a doubt, one of the most popular and confusing topics in restorative dentistry is the ongoing debate regarding occlusion. Occlusion has two very distinct applications in today’s dentistry. The first application is occlusion and its relationship to restorative dentistry. The second is occlusion and its relationship to TMD, facial pain, joint dysfunction and the reported associations with headache and upper quarter pain patterns. Through case presentations and scientific literature, this one of a kind program will finally explain the difference between these two very different yet critically important scenarios.

For years, confusion and fear have led to non-scientific and dogmatic philosophies. Some philosophies overzealously discuss the “correction” of the bite as a treatment for temporomandibular related problems. Other philosophies overcautiously forbid the alteration of the occlusion for needed restorative purposes even for the patient with no joint symptoms. This confusion has led many to both over-treat and under-treat patients based on mis-information and myths passed down from previous generations misusing empirical evidence as science.

This unique 3 day program includes a full day on evaluation, diagnosis, treatment and management of the facial pain patient. The first day of the 3 day option will develop an understanding of occlusal dysthesia, internal derangements, arthralgias, degenerative joint disease, ligament injuries, acute vs chronic pain, neuropathic pain and headache neurobiology, pharmacotherapy and injection techniques for extracapsular and intracapsular disorders.

On day 2 of the program, after a practical and relevant review TM joint and muscle anatomy and physiology, Drs. Chasolen and Glassman will present a detailed and patient centered concept starting with a history and followed by a physical examination. A careful description of function and parafunction including pathophysiology of parasymptoms and sleep bruxism will lead to an understanding of force vectors, patient adaptive capacity and the role of function and parafunction as forces that threaten your patients and the dentistry you do for them. The different occlusal reconstructive philosophies will be examined, compared and contrasted. Finally it will be clear why some patients with malocclusion do well – and those with better occlusions (by our current standards) may not.

On day 3 of the program, Dr. Chasolen will cover the details of occlusal reconstruction. Discussing treatment planning, the relationship of VDO, condylar position and cosmetics, restorative considerations for the envelope of function and parafunction, wax up parameters, temporization, articulators and understanding how to use an articulator for reconstruction. A discussion on appropriate materials, the causes of porcelain and tooth fracture, occlusion and implants, occlusion and the advanced periodontal patient and other special topics will be the most comprehensive day in today’s education.

We hope you can attend and will look forward to seeing you in beautiful and sunny Orlando this fall.

Howard M. Chasolen, DMD  Barry Glassman, DMD
# Program Schedule

**Oclusion**  
September 15-17, 2016  
*Program schedule may vary*

## Day 1 - Understanding the Relationship of Pain, Occlusion and Restorative Dentistry

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:15-8:00am</td>
<td>Registration and Breakfast</td>
</tr>
<tr>
<td>8:00-10:00am</td>
<td>Joint Anatomy and Physiology and Introduction to the Reality of Occlusion</td>
</tr>
<tr>
<td>10:00-10:15am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:15-12:00pm</td>
<td>The Role of Function and Parafunction</td>
</tr>
<tr>
<td>12:00pm-1:00pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00-3:00pm</td>
<td>Chronic Pain vs Acute Pain / Neuropathic Pain Patterns</td>
</tr>
<tr>
<td>3:00-4:00pm</td>
<td>Supportive Therapies for Extracapsular and Intracapsular Disorders</td>
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## Day 2 - Basic Sciences for Occlusion and Restorative Dentistry

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>7:15-8:00am</td>
<td>Registration and Breakfast</td>
</tr>
<tr>
<td>8:00-9:00am</td>
<td>The “Problem of the Occlusion” and the Pain/Restorative Disconnect</td>
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<tr>
<td>9:00-10:00am</td>
<td>The Detailed Evaluation</td>
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<tr>
<td>10:00-10:15am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:15-12:00pm</td>
<td>TM Joint Anatomy / Muscle Anatomy As It Relates to Restorative Dentistry</td>
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<tr>
<td>12:00pm-1:00pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00-3:00pm</td>
<td>Philosophies of Occlusion and Function</td>
</tr>
<tr>
<td>3:00-4:00pm</td>
<td>Philosophies of Parafunction and Sleep Bruxism As It Relates to Restorative Dentistry</td>
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## Day 3 - Occlusion in Clinical Restorative Dentistry

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:15-8:00am</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:00-9:00am</td>
<td>The Restorative Workup, Analysis and Diagnostic Records</td>
</tr>
<tr>
<td>9:00-10:00am</td>
<td>Condylar Position, Vertical Dimension, Anterior Guidance and Aesthetics</td>
</tr>
<tr>
<td>10:00-10:15am</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:15-11:00am</td>
<td>Diagnostic Wax-Up / Mandibular Movement &amp; Setting Your Articulator</td>
</tr>
<tr>
<td>11:00-12:00pm</td>
<td>Managing the Occlusion With Provisional Restorations</td>
</tr>
<tr>
<td>12:00pm-1:00pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00-2:00pm</td>
<td>Managing Anterior Wear, Posterior Wear, Deep Bites, Open Bites and Complex Occlusal Presentations</td>
</tr>
<tr>
<td>2:00-2:30pm</td>
<td>Restorative Materials for Wear Cases</td>
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<tr>
<td>2:30-3:30pm</td>
<td>Occlusal Considerations for Fixed and Removable Implant Reconstructions, Advanced Periodontal Conditions and the Shortened Dental Arch</td>
</tr>
<tr>
<td>3:30-4:00pm</td>
<td>Occlusal Appliance Theory and Design for Restorative Dentistry and Dealing With Ongoing Issues</td>
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Learn a simple, predictable & evidence based process to **MANAGE** the worn dentition.

- Learn the etiologies of wear and when restoration vs. conservative management is indicated.

- Understand the complete relationship between TM joint and muscle function, anatomy, physiology, neurobiology and the worn dentition.

- Learn how cosmetics drives the restoration of wear and how to determine the precise cosmetic position to build your reconstruction.

- Learn how to determine the inter-relationships of vertical dimension of occlusion, cosmetics and the restoration of the worn dentition.

Finally, a program that eliminates the anecdotal dogma that has guided our profession.
Master the philosophies of occlusal reconstruction and the issues that go along with it.

- Become confident with detailing wax up specifications and learn how to transfer that information to the provisional prototype.

- Hear the evidence that makes it clear that neither the elimination of occlusal interferences or the alteration of the patient’s bite or jaw position is necessary for the resolution of TMD symptoms. Learn how to specifically treat the patient with "bite discrepancies" who is not otherwise in need of reconstruction.

- Understand the instrumentation required to reconstruct wear cases including articulators and facebows.

- Learn how to customize a physiologic occlusion that respects the envelope of function and parafunction as well as condylar influences.

- Learn the records, photos and documentation to precisely communicate to the lab.

Learn how to treat every type of wear case...horizontal, vertical and combination wear.
Diagnosis and Treatment Planning

- Detail the new patient experience and learn why the initial experience CAN’T be in a dental chair.
- Learn the steps in a comprehensive examination and how to organize your thoughts when you see a patient with extensive tooth wear.
- Understand the progression of wear and the consequences of leaving wear untreated.
- Is there a relationship between worn dentition and TMD? We will dispel the dogma and review the science.
- Understand the role of the craniomandibular system and why it does NOT start in the joints.
- How to relate cosmetics and wear in your treatment plans…. The influence of incisal edge position, occlusal plane, vertical dimension and compensatory wear and eruption.
- Learn all the current reconstructive philosophies and which ones fit your patient specifically.
- Learn the anterior and posterior determinants of reconstruction. The rules for understanding when anterior guidance or condylar pathways determine the occlusal design.
- Understanding parafunction: Sleep bruxism and daytime parafunction and how it affects wear and reconstruction.
- Do occlusal interferences need to be equilibrated? Understand the relationships between occlusal interferences, parafunction, wear, TMD and the value of equilibration.
- Cosmetic planning and the worn dentition.
- Learn how to select an articulator for reconstruction cases.
- Learn a quick and simple algorithm to determine if your patient’s joint is safe to proceed with reconstruction.
- Joint sounds? Episodic locking. Clicking. Stable joint? Degenerative joint and condylar resorption? Learn to incorporate this information into your restorative plan so you never have to guess at the long term effect the joint will have on your reconstruction.
- What is the relationship of occlusion to headache? (It’s not related to anterior temporalis hyperactivity)
- Understand the peripheral mechanisms of bruxism and why a bite adjustment won’t stop the grinding.
- Exam forms, informed consents, treatment plans and treatment reports for your patients.
- Learn to compose the exact documentation to educate your patient and protect you from future problems with large reconstructions.
Learn how to synchronize the information from the aesthetic and occlusal evaluation to detail the appropriate specifications for a diagnostic wax up.

Apply the “Complete Denture Set Up” philosophy and understand how cosmetic tooth position is integrated with function and parafunction to drive the determinants of a fixed reconstruction.

Learn the techniques and philosophies to deprogram and register bite records for preliminary blue print wax ups.

Understand how to select a condylar position for reconstruction.

Learn why many authors have scared us about vertical dimension and what the real science tells us about how to select or alter VDO and its relationship to pain and wear.

Detail the process of creating a new occlusal scheme through temporization.

Understand the appropriate sequence to temporize and how to schedule patients for such major occlusal changes.

Learn when an interim occlusal appliance is necessary and when the provisional restorations will serve the purpose.

Blending aesthetic and occlusal parameters is THE single most important skill to learn in order to plan a reconstruction of worn dentition.

Pre-operative worn dentition

Temporized and completed at a new vertical dimension

Understand static occlusal contact design to minimize ceramic fracture.

Learn how to program disclusion patterns and how to determine disclusive pathway angles.

Anterior guidance? Anterior group function? Is it okay to pick up a premolar or more in working excursions?
➢ Learn when to crown lengthen, when endo, when to increase incisal edge based on cosmetics and vertical all based on lip at rest image.

➢ Constricted envelopes? During function or parafunction and where to place the “freedom” component? Anterior cingulums or posterior occlusal surfaces?

➢ Learn when to crown lengthen, when endo, when to increase incisal edge based on cosmetics and vertical all based on lip at rest image.

➢ Restoring class 1, class 2 deep, class 2 anterior open bite and class 3 occlusions.

➢ Understand the decision process in restorative material selection for the bruxing patient. Zirconia? Emax? Is PFM or full gold still a good choice? A thorough review of the literature on material success as well as my own personal experience in restoring over 750 full arches.

➢ Learn 8 things to help prevent porcelain fracture on your new restorations.

➢ Restoring anterior wear with no posterior wear

➢ Restoring posterior wear with no anterior wear

➢ Learn what to do when there is no anterior guidance

➢ Understanding horizontal and vertical patterns of parafunction.

➢ Determining when horizontal wear requires a change in vertical dimension to safely restore.

➢ Gain confidence in restoring mechanical and chemical wear cases.

➢ Restoring anterior wear with no posterior wear

➢ Restoring posterior wear with no anterior wear

➢ Learn what to do when there is no anterior guidance

➢ Understanding horizontal and vertical patterns of parafunction.

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**Special Topics**

### Occlusion & Perio
- Parafunction and the periodontally involved patient. Is occlusion a cofactor that exacerbates tooth loss in the presence of periodontal disease? What occlusal philosophy is best and is splinting indicated?

### Occlusion & Implants
- Parafunction and the implant reconstruction. Is the implant patient at risk when parafunction is an issue? We will explore the science, our clinical experiences and propose an algorithm of treatment strategies to address this critical topic.

### The Shortened Dental Arch (SDA)
- Do we need molars? Is posterior support a scientifically validated requirement for healthy TM joints? This topic is critically important in periodontally involved patients as well as implant patients considering extensive posterior bone grafting to facilitate posterior implant placement. An extensive literature review will answer these questions.

### Management
- Post operative management of bruxism
- How to deal with the patient that always needs an adjustment.
- Dealing with positive occlusal sense.
- Parafunctional control- the Occlusal Appliance
- The pharmacologic management of parafunction. The what and when of meds.
- Post operative management of ceramic fractures. Who is responsible?
- Creating appropriate patient expectations. How long should the reconstruction last and what is a reasonable approach to the inevitable replacement of ceramic dentistry?
- A complete review of habits to avoid.
- Are there specific dietary contra-indications? We will discuss this in detail.
Reserve your room now to ensure your accommodations during peak season at Walt Disney World Swan and Dolphin Resort.

**AIR TRAVEL**

- Orlando International Airport (MCO)
  - [www.orlandoairports.net](http://www.orlandoairports.net)

**ACTIVITIES**

In the heart of the Walt Disney World® Resort, the award-winning Walt Disney World Swan and Dolphin Resort is your gateway to Central Florida’s greatest theme parks and attractions. The resort is located in between Epcot® and Disney’s Hollywood StudiosTM, and nearby Disney’s Animal Kingdom® Theme Park and Magic Kingdom® Park. Come discover our 17 world-class restaurants and lounges, sophisticated guest rooms with Westin Heavenly Beds® and the luxurious Mandara Spa. Enjoy five pools, two health clubs, tennis, nearby golf, and many special Disney benefits, including complimentary transportation to Walt Disney World Theme Parks and Attractions, and the Extra Magic Hours benefit.
Occlusion for Restorative Dentistry
September 15-17, 2016
Walt Disney World Swan Resort
Orlando, Florida

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Visit www.ChasolenEducation.com

All seats are guaranteed with payment. Payment in full is needed to hold the seat for the program.
Cancellation Policy: Full refund less $100. administration fee if cancelled earlier than 30 days prior to the
program. If the cancellation is within 30 days of the program, no refund will be given but tuition may be
applied to a future seminar.

The Chasolen Education & Research Center, P.A. has been designated an approved Program
Provider by the Academy of General Dentistry. This Program Provider's formal CDE programs
are accepted by the AGD for membership maintenance, Fellowship and Mastership credits. The
current term of approval ends on 2/28/2020.
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<th>Program</th>
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<tr>
<td>Restorative Excellence</td>
<td>October 21-22, 2016</td>
<td>$1895</td>
</tr>
<tr>
<td>Implant Prosthetics</td>
<td>March 10-11, 2017</td>
<td>$1895</td>
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<tr>
<td>Total Case Management</td>
<td>June 9-10, 2017</td>
<td>$3750</td>
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Visit [www.ChasolenEducation.com](http://www.ChasolenEducation.com) for registration forms and details
Or call Maryellen 941-957-0063