### Art Carpenter DDS
Continuing Education

<table>
<thead>
<tr>
<th>DATE</th>
<th>COURSE</th>
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<tr>
<td>FEB 2003</td>
<td><em>Chicago Dental Society Mid-Winter Meeting</em></td>
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<td>DEC 2003</td>
<td><strong>3i Implant Innovations</strong></td>
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<td>- Featuring advanced technologies and accelerated treatment options using the Osseotite Certain Implant System</td>
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<td>DEC 2003</td>
<td><strong>American Association Of Oral and Maxillofacial Surgeons</strong></td>
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<td><strong>Implant Seminar 3</strong></td>
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<td></td>
<td>- Efficient patient orientated treatment through implant restorations</td>
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<td>Immediate Loading of Dental Implants classes on:</td>
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<tr>
<td></td>
<td>- Indications and contraindications for immediate loading full arch maxillary and mandibular implants</td>
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<td>- Surgical and prosthodontic coordination for immediate loading cases</td>
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<td>- Restorative concepts for immediate loading</td>
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<td>- Edentulous mandible and maxilla</td>
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<td>- Single tooth molar and incisor</td>
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<td>Surgical Techniques to Augment the Implant Site classes on featuring:</td>
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<td>- Distraction procedures for the anterior esthetic zone and posterior mandible</td>
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<td>Availability of recombinant bmp and indications for use including Platelet Rich Plasma (PRP), tissue sealants and Platelet Derived Growth Factors (PDGF):</td>
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<td>- Esthetic implant development with orthodontics</td>
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<td>- Enhancing soft tissue esthetics on dental implant restorations</td>
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<td>- Applying esthetic principles to implant restorations</td>
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<td>Restorative Classes on:</td>
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<td>- Occlusion</td>
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<td>- Non functional vs functional provisional immediate single tooth restorations</td>
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<td>- External vs internal connections for immediate provisionalization</td>
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<td>- Anatomical custom vs non custom abutments</td>
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<td>- Zirconium oxide vs other ceramics or other material for all ceramic restorations</td>
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FEB 2004  Chicago Dental Society Mid-Winter Meeting

MAR 2004  Dr. Allan Meltzer
- Discusses “Diem” implant system and the proper protocol for immediate loading of dental implants in the fully edentulous jaw

APR 2004  Dr. Gary Morris
- Prosthodontist discusses how to evaluate the proper occlusal concepts in restoring implants

APR 2004  Dr. David Barrack
- Periodontist discusses proper pre-prosthetic preparation of implant site for proper esthetic results including soft and hard tissue grafts, and forced orthodontic extrusion

JUL 2004  Straumann ITI Dental Implants - Synocta® Prosthetic Implant System

OCT 2004  Dr. Thomas Trinker
A Comprehensive Approach to Esthetic and Reconstructive Dentistry

Dr. David Felton - Mini Residency in Implant Dentistry
Implants as the standard of care in restorative dentistry

NOV 2004  Drs. Bressman, Laverdiere & Franzen
Mini Residency in Implant Dentistry
- Oral Surgeons and Prosthodontist discuss comprehensive treatment planning in implant dentistry. Case presentations by Dr. Carpenter.
NOV 2004  Dr. Chris Marchack

*Nobel Esthetics Conference*
- Discuss latest technology and materials to provide the most esthetic and functional restorations possible

- Reconstruction of the Edentulous Maxilla
- Reconstruction of the Edentulous Mandible
- Removable Prosthetic Design
- Practical Considerations for Immediate Restorations
- Reconstruction of Two to Four Missing Teeth in the Anterior Maxilla
- Computerized Techniques for Ceramic Abutments and Implant Crowns

JAN 2005  Astra Tech Implant System Hands On Training

JAN 2005  Dr. Rhys Spoor

*The Art of Intraoral and Extraoral Dental Photography*

MAY 2005  Astra Tech Implants Completion of mini Residency

MAY 2005  Dr. Gerard Chiche

*Predictable Anterior Esthetics*
- Esthetic Analysis
- Quality Control in Esthetic Design
- Smile Design
- Esthetic Material Selection Criteria

SEP 2005  Dr. David Barack
- 3i Encode Restorative System
- CAD/CAM Patient Specific Restorations
SEP 2005  
Dr. Ross Nash  
*Extreme Dental Makeovers Without Extreme Tooth Reduction*

OCT 2005  
Dr. Gary Morris  
*Architect PSR*  
- CAM StructSURE CAD/CAM Precision Milled Bars

DEC 2005  
*2005 Dental Implant Conference - American Association of Oral and Maxillofacial Surgeons*  
- Treatment of the Atrophic Maxilla  
- Management Of Endodontic Failure With Implant Replacement  
- Anterior Bone Grafting - Team Approach  
- Atrophic Posterior Mandible  
- Complications With Implants  
- Immediate, Early and Traditional Implant Placement  
- Computerized Implant Placement Aids  
- Implant Interface Design and Surface Morphology  
- Peptide Adhesion Growth Factors  
- Computer Generated Surgical Guides  
- Orthodontic Anchorage  
- State of the Art Methods for Esthetic Implant Restoration  
- Medical/Legal Issue with Dental Implants  
- Immediate Loading of the Edentulous Maxilla  
- Immediate Loading of the Edentulous Mandible

JAN 2006  
*Invisalign - Treatment of Adults with Invisalign*

FEB 2006  
*Chicago Dental Society Midwinter Meeting*

APR 2006  
*Simplant CT Diagnostic Imaging - Implant Retained Partial Dentures Utilizing Locator Attachments*
APR 2006  Dr. Gary Morris  
Therapeutic Misadventures In Implants

MAY 2006  Dr. Roberto Spreatico  
Esthetic Restorations On Posterior Teeth - The State of the Art

MAY 2006  Joseph Perillo CDT  
Esthetic Tooth and Implant Borne Prosthetics, Powered by Procera Technology

AUG 2006  Introduction To The Principles In The Restoration Of The Single Tooth Dental Implant

-Treatment Options
-Restorative Options
-Treatment Planning Complications
-Multidisciplinary View of Esthetics
-Optimal Patient Rehabilitation
-How To Avoid Complications Before They Occur

JAN 2007  Dr. Jeffrey Bressman  
Review of Dental Complications From Oral Bisphosphonates

MAR 2007  Pre-Surgical Planning For Implant Placements
APR 2007  
Velscope - Mucosal Examination for Advanced Oral Cancer Detection

SEP 2007  
Oral and Systemic Links in Periodontal Disease

SEP 2007  
PerioProtect - FDA Approval Of New Periodontal Disease Treatment

OCT 2007  
Ultreo - Utilization of Ultrasonic Toothbrush

NOV 2007  
Dr. Nader Sharifi  
Proper Implant Abutment Selection - Anterior Esthetics

NOV 2007  
Itero Digital Impression System

NOV 2007  
Atlantis - Custom Milled CAD/CAM Implant Abutments

DEC 2007  
-Implant Design  
-Functional Considerations For Case Planning  
-Treatment Planning Algorithms  
-Practical Considerations For Treatment of the Edentulous Jaw  
-Technological Advances For Treatment Planning  
-Implant Surfaces  
-CT Imaging and Implants  
-Update and Advances in Implant Reconstruction  
-Practice Management

FEB 2008  
Dr. Frank Higginbottom  
Confidence at Bone Level With Straumann Implants
FEB 2008  Dr. Charles Babbush
   *Future of Implant Dentistry*

MAR 2008  *Clear Choice Dental Implant Center - Immediate Implant Function with Nobel All-on-4*

MAR 2008  *Nobel Biocare - Implant Treatment Planning Options*

APR 2008  Dr. Avishai Sadan
   *Principles and Techniques For Predictable Esthetic and Restorative Dentistry*

MAY 2008  *Transitioning From Natural Teeth To Dental Implants Posterior Maxillary Implant Restorations*

MAY 2008  Fred Senne
   *Using Patient Specific Abutments to Achieve Exceptional Results*

JUN 2008  Dr. Leonard Hess
   *Smile Design and Cosmetic Dentistry*

OCT 2008  Fred Senne
   *Aesthetic Enhancement With Atlantis*

OCT 2008  *Chicago ITI Study Club - Restorative Techniques For Anterior Implant Esthetics*
DEC 2008  
*2008 Dental Implant Conference - American Association Of Oral and Maxillofacial Surgeons*
- The Art of Healing in Implants
- Future Visions For Patient Therapy
- Evidence For Immediate Loading of Single and Multi-unit Restorations
- Mastering Implant Esthetics
- How To Deal With Intraoperative Problems

FEB 2009  
*Chicago Dental Society Midwinter Meeting*

APR 2009  
Dr. George Priest  
*New Solutions For Advanced Esthetic Restorations*

JUN 2009  
Dr. Robert Ritter  
*Expanding Horizons in Implant Esthetics*

SEP 2009  
Dr. Gary Morris  
*Implant Occlusion*

DEC 2009  
*2009 Dental Implant Conference - American Association Of Oral and Maxillofacial Surgeons*
- Immediate Loading Partial and Full-Arch Restorations
- Custom vs. CAD/Cam vs. Stock Ceramic Abutments
- Advances In Treatment Planning
- Advances In Delivery Of Care For The Implant Patient
- Short and Long Term Effects Of Implant Restorations Compared To Traditional Dental Restorations
FEB 2010  Chicago Dental Society Midwinter Meeting
MAR 2010  Saving Lives Through Better Oral Cancer Detection With Velscope
MAR 2010  Impression Techniques For Dental Implants
APR 2010  Implant Impression Techniques
AUG 2010  Dr. Robert Tripke
            Predictable Perio Early Diagnosis
NOV 2010  Dr. Mark Lingen
            - Oral Cancer, New Tech For Detection and Prevention
            - Differential Diagnosis of Oral Ulcerations
            - Soft Tissue Lesions of the Oral Cavity
            - Interpretation of Pathology on Radiographs
            - Facial and Densokleskeletal Volume Considerations
            - Implant Soft Tissue Esthetics
            - Controversies in Implantology
            - Practical Uses Of New Technology
JAN 2011  Chicago Dental Society Midwinter Meeting
MAR 2011  Dr. Robert Vogel
            Edentulous Options For Your Patients
MAY 2011  Dr. Dennis Tarnow  
*What We Know About Implant Therapy*

JAN 2012  
*Chicago Dental Society Midwinter Meeting*

APR 2012  Dr. Joe Carpentieri  
*New Technology in Implant Dentistry*

MAY 2012  Dr. Fernando Rojas-Viscaya  
*Esthetic Design for Complex Implant Cases*

JUN 2012  Drs. Louie Al-Faraje & Christopher Church  
*California Implant Institute Fellowship Program*
- Bone Density
- Implant Placement Protocol
- Optimal Implant Placement
- Surgical Anatomy for Implant Surgery
- Osteotome Technique
- Flapless Implant Surgery
- Immediate Implant Placement in Extraction Socket
- Computerized Tomography Interpretation
- Socket Grafting
- Impression Techniques
- Abutment Selection
- Patient Evaluation
- Computer Guided Implant Surgery
- Immediate Loading of Implants
- Osstell Integration Assessment
-Implant Prosthodontics
-Crestal Sinus Lift
-Narrow Diameter Implants
-Implant Esthetics
-Alveolar Ridge Expansion Via Split Cortical Technique
-Papilla Preservation Techniques
-Art of Dental Photography
-Guided Bone Regeneration
-Anatomy and Pathology of Maxillary Sinus
-Block Grafting
-Nasal Floor Elevation
-Suturing Techniques for Implantology

NOV 2012  4-Day Live Patient Surgical Implant Externship

JAN 2013  Dr. Steven LoCascio
Implant Treatment Options for the Edentulous Patient

JAN 2013  Dr. Martin Trope
Next Level Endodontics

MAR 2013  Dentsply - Implant Supported Fixed Denture Restorations:
A Hands-on Application

APR 2013  Dr. Lyndon Cooper
Control of Implant-to-Tissue Relationship: Planning,
Procedures and Measured Outcomes

JUL 2013  Dr. Nolen Levine
Alloderm Tissue Matrix techniques for enhanced esthetic
and functional outcomes for soft tissue management