

CURRICULUM VITAE

CRAIG MARTIN MISCH, D.D.S., M.D.S., P.A.

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Web Address: www.bonegraft.com; www.drmisch.com

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Birth Date: August 10, 1960

Birth Place: Detroit, Michigan

Education

<u>School</u>	<u>Year</u>	<u>Degree</u>
Farmington High School Farmington, MI	1976 - 1978	Diploma
Michigan State University East Lansing, MI	1978 - 1981	None (early dental admission) G.P.A. - 3.78 Major: Medical Technology
University of Michigan School of Dentistry Ann Arbor, MI	1981 - 1985	Doctor Dental Surgery Class rank 6th of 146
University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1988 - 1990	Residency in Prosthodontics Specialty Certificate in Prosthodontics
University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1990 - 1991	Fellowship in Oral Implantology Certificate in Oral Implantology
University of Pittsburgh School of Dental Medicine Pittsburgh, PA	1992	Master of Dental Science
St. Francis Medical Center Mercy Hospital Medical Center Pittsburgh, PA	1995 - 1999	Residency in Oral and Maxillofacial Surgery Specialty Certificate in Oral and Maxillofacial Surgery

Certification

The American Board of Oral Implantology/Implant Dentistry, Board Certified, 1991

Advanced Trauma Life Support, ATLS certification, Univ. of Pittsburgh, 1997

Advanced Cardiac Life Support, ACLS recertification, 2015

American Board of Oral and Maxillofacial Surgery, Board Certified, 2002, 2012

Private Practice Experience

Michigan Implant Dentistry, Dearborn, MI 1985-1988
Private general practice providing comprehensive dental care

Faculty Practice, University Dental Health Services, University of Pittsburgh, School of Dental Medicine, 1993-1997

Implant Reconstructive Dentistry of the South Hills, Pittsburgh, PA 1991-1999
Private practice limited to prosthodontics and oral implantology

Sarasota Medical Center, Sarasota, FL 1999 - 2006
Private practice specializing in oral and maxillofacial surgery and prosthodontics with an emphasis on reconstructive surgery and dental implants

Misch Implant Dentistry, Sarasota, FL 2006 - present
Private practice specializing in oral and maxillofacial surgery and prosthodontics with an emphasis on reconstructive surgery and dental implants

Licensure

Northeast Regional Board of Dental Examiners, 1985

Licensed Dentist, Michigan, 1985-1995 # 014116

Licensed Dentist, Pennsylvania, 1988-2004 # DS-026253-L

Licensed Dentist, Florida, 1995-present # DN-0014077

Licensed Dentist, Virginia, 1996-2000 # 0401-008521

Licensed Dentist, New York, 1999-2010 # 048511-11

Licensed Dentist, California, 2004-2006 # 52209

General Anesthesia Permit, Florida, 2000 - present, # DN-0014077

Academic Appointments

Clinical Assistant Professor, Oral Implantology Center, Department of Prosthodontics, University of Pittsburgh, School of Dental Medicine, 1991-1994

Co-Director, Oral Implantology Center and Post-Graduate Program in Oral Implantology, University of Pittsburgh, School of Dental Medicine, 1993-1995

Clinical Assistant Professor, Department of Surgical Sciences, Division of Periodontics, University of Pittsburgh, School of Dental Medicine, 1994-2010

Clinical Associate Professor, New York University, School of Dentistry, Department of Implant Dentistry, 1999 – present

Clinical Associate Professor, University of Florida, School of Dentistry, Department of Prosthodontics, 2006 - present; Department of Periodontics, 2011 – present

Clinical Associate Professor, University of Alabama, School of Dentistry, Department of Periodontics, 2015

Volunteer Adjunct Faculty, LECOM School Dental Medicine, Bradenton, FL, 2012 - present

Teaching Experience

Faculty, Misch Implant Institute, Dearborn, MI 1986-1993; Pittsburgh, PA 1994-2001
Continuing education course on dental implants. Provide lectures on basic sciences, diagnosis, treatment planning, implant surgery, prosthetics and maintenance.
Demonstrate and supervise hands-on implant surgery and prosthetics.

Guest Lecturer, University of Miami, School of Medicine, Division of Oral and Maxillofacial Surgery and Dentistry, Implant Dentistry Training Program, 1993-95

Continuing Education Faculty, Nobel Biocare Inc., 1998-2008

Seattle Study Club Speakers Bureau, 1997-present

Faculty, Maxi-Course in Implant Dentistry, New York University/Brookdale Hospital, New York, NY 1992-1999

Faculty, Maxi-Course in Implant Dentistry, Medical College of Georgia, Atlanta, GA 1998-2003

Faculty, Maxi-Course in Implant Dentistry, Howard University School of Dentistry Washington, D.C., 1999-2001

Faculty, University of Michigan, School of Dentistry, Department of Continuing Education, "Implants 1, 2, 3", Ann Arbor, MI, 1999, 2000

Course Director, Advanced Bone Grafting for Dental Implants, Nobel Biocare, Yorba Linda, CA; Toronto, CA; Sarasota, FL 1999-2005

Faculty Expert, DentalXP, online dental education, www.dentalxp.com, 2013 - present

DACE (Dental Academy for Clinical Excellence) Faculty, 2015

Hospital Appointments

St. Francis Medical Center, 400-45th Street, Pittsburgh, PA 15201
Department of Surgery, Associate Staff, 7/99-12/00

Sarasota Memorial Hospital, 1700 South Tamiami Trail, Sarasota, FL 34239
Department of Surgery, Temporary Staff Privileges, 8/99-5/04

Doctor's Hospital of Sarasota, 5731 Bee Ridge Road, Sarasota, FL 34233
Department of Surgery, Consulting Staff, 11/99 - present

Doctors Same Day Surgery, 5731 Bee Ridge Road, Sarasota, FL 34233, 11/99 - present

Academic Honors/Post-Graduate Recognition

Golden Key National Honor Society, Michigan State University, 1981

Omicron Kappa Upsilon, class rank 6th of 146, University of Michigan, School of Dentistry, 1985

R.F. Sommer Award in Dentistry, University of Michigan, School of Dentistry, 1985

Fellow, International Congress of Oral Implantologists, 1987

First Place, "Best Case Competition", American College of Oral Implantology, 1991

First Place, American Student Dental Association Table Clinics, University of Pittsburgh, 1991

Diplomate, American Board of Oral Implantology/Implant Dentistry, 1991

Associate Fellow, American Academy of Implant Dentistry, 1992

Third Place, American College of Prosthodontists, John Sharry Research Competition, "Finite element stress analysis of tooth to implant fixed partial denture designs", Tampa, FL, November 7, 1992

Faculty Convocation Honoree, University of Pittsburgh, 1993

Fellow, American Academy of Implant Dentistry, 1995

First Place, Academy of Osseointegration Annual Meeting, New York, NY
Table Clinics, March 1, 1996

First Place, St. Francis Medical Center Research Competition, "Maxillary implant surgery on a patient with thalassemia: A case report", 1996

Second Place, St. Francis Medical Center Research Competition, "Comparison of intraoral donor sites for ridge augmentation prior to implant placement", 1997

First Place, St. Francis Medical Center Research Competition, "Evaluation of a new biomechanically designed dental implant in a canine model", 1998

Fellow, Academy of Osseointegration, 1998

Honored Fellow, American Academy of Implant Dentistry, 2002

Diplomate, American Board of Oral and Maxillofacial Surgery, 2002

Fellow, American Association of Oral and Maxillofacial Surgeons, 2002

"The Best Dentists in America", 2004-2005, Woodward/White publishers

Board of Directors, Academy of Osseointegration, 2006 – 2008

Leaders in Continuing Education, *Dentistry Today*, 2008 - 2015

HuFriedy Opinion Leader in Dentistry, 2010 – present

"Top Dentists", Sarasota, FL, 2010 – present (www.usatopdentists.com)

Professional Memberships

American Academy of Implant Dentistry

American Association of Oral and Maxillofacial Surgeons

American College of Oral Implantologists

American College of Oral and Maxillofacial Surgeons

American Dental Association

Academy of Osseointegration

Florida Dental Association

Florida Society of Dental Anesthesiology

International Congress of Oral Implantologists

Omicron Kappa Upsilon Alumni

Professional Activities

Education Committee, American Association of Implant Auxiliaries, 1990

Member, Committee of Recent Graduates of Advanced Education Programs in Implant Dentistry, American Academy of Implant Dentistry, 1991-1994

Chairman, Best Case Competition Committee, Amer. College of Oral Implantology, 1992

Advisor and Guest Lecturer, International Congress of Oral Implantology/Implant Dentistry Study Club Program, 1992-1998

Scientific Chairman, American Academy of Implant Dentistry, Annual Meeting, Dallas, TX, October 7-10, 1993

Treasurer, The American College of Oral Implantology, 1993

American Academy of Implant Dentistry Planning Meeting Committee, 1994

Chairman, Abstract Review Committee, American Academy of Implant Dentistry Research Foundation, 1994

Committee on Curriculum Guidelines in Implant Dentistry for Post-Graduate Implant Programs, 1994

Clinical Advisory Board Member, Dentsply Implant, Encino, CA, 1995-1996
Foundation Colleague, Endowment Council Osseointegration Foundation, 1995-97

Testing Committee, Certification examination of the American Board of Oral Implantology/Implant Dentistry, 1995

Task Force on Implant Modalities Position Paper, American Academy of Implant Dentistry, 1995-1996

Clinical Consultant, Dentatus MTI Transitional Implant System, 1995-1999

Clinical Consultant, BioHorizons Implant Systems, 1996-present

Research Committee, American Academy of Implant Dentistry, 1995-2000

Education Committee, American Academy of Implant Dentistry, 1995-1999

New York University College of Dentistry, International Program "Current Concepts in American Dentistry", 1995-2000

Member, Academy of Osseointegration Sinus Graft Consensus Conference, The Center for Executive Education, Babson College, Wellesley, MA, November 16-17, 1996

Designer of "Misch Ramus Retractor" and "Misch Bone Graft Kits", ACE Surgical Supply Co., Brockton, MA, 1997; Salvin Dental Supply, Charlotte, NC, 2003

Testing Committee, American Board of Oral Implantology/Implant Dentistry, 2000

Research Committee, Academy of Osseointegration, 1993-2002

Chairman, International Journal of Oral and Maxillofacial Implants Best Article of the Year Committee, Academy of Osseointegration, 2001 – 2005

Vice Chairman, Research Committee, Academy of Osseointegration, 2002

Committee Member, World Workshop on Implant Dentistry, Academy of Osseointegration, 2002

American Association of Oral and Maxillofacial Surgeons, Committee on Continuing Education and Professional Development Task Force on Dental Implant Conferences, 2002 - present

Dental Expert, Florida State Board of Dentistry, Tallahassee, FL, 2002 – present

Clinical Consultant, BioMet 3i, West Palm Beach, FL, 2003 - 2013

Academy of Osseointegration, Board of Directors, 2006 - 2008

Section Secretary, Committee on Bone Augmentation, State of the Science in Implant Dentistry, Academy of Osseointegration, Chicago, IL, April 28-29, 2006

Consultant, Medtronic (Infuse, rhBMP-2), 2008 - 2013

Co-Chairman, Committee on Bone Augmentation, Summit of treatment of the edentulous Maxilla. Academy of Osseointegration. Oakbrook, IL, August 2014

DENTSPLY Implants' PEERS North America group (Platform for Exchange of Education, Research and Science) – invitation only implant clinicians group, 2015

Journal Appointments

Editorial Staff, *International Journal of Oral Implantology*, 1990-1991

Assistant Editor, *International Journal of Oral Implantology*, 1991

Editorial Referee, *Implant Dentistry*, 1992-1994

Editorial Board, "Dental Implant Perspectives" literature review newsletter, 1996-1998

Editorial Board, *Journal of Oral Implantology*, 1993-1998

Council/Section Editor, *Implant Dentistry*, 1998-present

Senior Associate Editor, *Journal of Oral Implantology*, 1998-present

Editorial Board, *International Journal of Oral and Maxillofacial Implants*, 2005 – present

Editorial Board, *Dental Implantology Update*, 2009 - present

Editorial Board, *Journal of Implant and Reconstructive Dentistry*, 2009 - present

Editorial Board, *Journal of Clinical & Practical Oral Implantology*, 2010 - present

Editorial Board, *International Scholarly Research Dentistry*, 2010 - present

Reviewer, *Clinical Oral Implants Research*, 2010

Editorial Board, *International Journal of Periodontics and Restorative Dentistry*, 2011 - present

Editorial Board, *International Journal of Oral Implantology & Clinical Research*, 2014 – present

Advisory Board, *Implants Today in Dentistry Today*, 2015

Publications

Misch CM. Historical review: Greenfield EJ. Implantation of artificial crown and bridge abutments, 1913. *Int J Oral Implantol* 1991;7:2.

Misch CM, Resnik RR, Misch CE, Ismail YH. Postoperative maxillary cyst associated with a sinus elevation procedure: A case report. *J Oral Implantol* 1991;17:432-437.

Misch CM. Enhance maxillary implant sites through symphysis bone graft. *Dental Implantology Update* 1991;2:101-104.

Misch CM. The pharmacologic management of maxillary sinus elevation surgery. *J Oral Implantol* 1992;18:15-23.

Misch CE, Misch CM. Generic terminology for endosseous implant prosthodontics. *J Prosthet Dent* 1992;68:809-812.

Misch CM, Misch CE, Resnik RR, Ismail YH. Reconstruction of maxillary alveolar defects with mandibular symphysis grafts for dental implants: A preliminary procedural report. *Int J Oral Maxillofac Implants* 1992;7:360-366.

Misch CM. Three dimensional finite element stress analysis of a rigid and non rigid prosthesis supported by a tooth and implant. Masters Thesis, University of Pittsburgh, 1992.

- Misch CM. Hydroxylapatite-coated implants: Design considerations and clinical parameters. *N Y State Dent J* 1993;59:36-41.
- Ziccardi VB, Misch CM, Patterson GT, et al. Use of endosseous implants to fixate a surgical stent in conjunction with mandibular vestibuloplasty. *Compend Contin Educ Dent* 1993;14:774-779.
- Misch CM. Resorbable or non-resorbable membranes: Where, why, and how. *Dental Implantology Update* 1993;4:49-51.
- Misch CM, YH Ismail. Finite element stress analysis of tooth to implant fixed partial denture designs. *J Prosthodont* 1993;2:83-92.
- Misch CM. Hydroxylapatite-coated implants. *Oral Health* 1994;8:29-36.
- Datillo DJ, Misch CM, Arena S. Interface analysis of hydroxylapatite-coated implants in a human vascularized iliac bone graft. *Int J Oral Maxillofac Implants* 1995;10:405-409.
- Misch CM, Marshak B. Bone reconstruction of traumatic defects for implant placement in the esthetic zone: The mandibular symphysis graft technique. *Aesthetics and Implants* 1995;1:44-50.
- Misch CM, Misch CE. The repair of localized severe ridge defects for implant placement using mandibular bone grafts. *Implant Dentistry* 1995;4:261-267.
- Misch CM. Ridge augmentation using mandibular ramus bone grafts for the placement of dental implants: Presentation of a technique. *Prac Perio & Aesth Dent* 1996;8:127-135.
- Misch CM. Bone reaction and material characteristics of four bone substitutes. *Dental Implant Perspectives* 1996;5
- Misch CM, Chorazy CJ. Maxillary implant surgery on a patient with thalassaemia minor. *St Francis J Med* 1996;2:117-119.
- Misch CM. Comparison of intraoral donor sites for ridge augmentation prior to implant placement. *Int J Oral Maxillofac Implants* 1997;12:767-776.
- Misch CM. Bur guide surgical template for implant placement in grafted jaws. *J Oral Implantol* 1997;23:170-173.
- Misch CE, Hoar J, Beck G, Hazen R, Misch CM. A bone quality-based implant system: A preliminary report of stage I & stage II. *Implant Dent* 1998;7:35-42.
- Misch CM. The use of ramus grafts for ridge augmentation. *Dental Implantology Update* 1998;9(6):41-44.

- Misch CM, Williams D, Jolly R, Chorazy C. Maxillary implant surgery on a patient with thalassaemia minor: A case report. *Oral Surg Oral Med Oral Pathol*, 1998;85:401-405.
- Misch CM. The extracted tooth pontic - provisional replacement during for bone graft and implant healing. *Prac Periodont Aesth Dent* 1998;10:711-718.
- Misch CM. The use of a template for autologous bone grafting alveolar defects prior to implant placement. *J Prosthodont* 1999;8:47-52.
- Misch CE, Dietsh-Misch F, Hoar J, Beck G, Hazen R, Misch CM. A bone quality-based implant system: First year of prosthetic loading. *J Oral Implantol* 1999;25:185-197.
- Misch CM. The harvest of ramus bone in conjunction with third molar removal for onlay grafting prior to placement of dental implants. *J Oral Maxillofac Surg* 1999;57:1376-1379.
- Misch CE, Dietsh-Misch F, Misch CM. A modified socket seal surgery with composite graft approach. *J Oral Implantol* 1999;25:244-250.
- Misch CM. Prosthetic guided bone augmentation. *Seattle Study Club Journal* 2000;4:21-25.
- Misch CM. The use of the mandibular ramus as a donor site for onlay bone grafting. *J Oral Implantol* 2000;26:42-49.
- Bumgardner J, Boring J, Copper R, Gao C, Givaruangsawar S, Gilbert JA, Misch CM, Steflik D. Preliminary evaluation of a new implant design in canine models. *Implant Dent* 2000;9:252-260.
- Misch CM. Discussion: A prospective 1-year clinical and radiographic study of implants placed after maxillary sinus floor augmentation with bovine hydroxylapatite and autogenous bone. *J Oral Maxillofac Surg* 2002;60:285-286.
- Misch CM. Evaluating bone defects and simulating corrections using SimPlant planning software and steriolithographic models. *Materialise Headlines* 2003;2:4-5.
- Misch CE, Hahn J, Judy KW, Lemons JE, Linkow LI, Lozada JL, Mills E, Misch CM, Salama H, Sharawy M, Testori T, Wang HL. Workshop guidelines on immediate loading in implant dentistry. November 7, 2003. Immediate Function Consensus Conference. *J Oral Implantol* 2004;30:283-288.
- Misch CM, Chasolen H. Restoration of an edentulous mandible following the Diem immediate loading guidelines utilizing Osseotite NT Certain implants. *3i Clinical Perspectives* 2004;4:1-6.
- Lazzara R, Testori T, Meltzer A, Misch CM. Immediate occlusal loading (IOL) of dental implants: predictable results through Diem guidelines. *Pract Procedures Aesth Dent* 2004;16(4) Suppl pp. 1-15.

- Misch CM. Immediate loading of definitive implants in the edentulous mandible with a fixed provisional prosthesis: the denture conversion technique. *J Oral Maxillofac Surg* 2004;62(Suppl 2):106-115.
- Misch CE, Wang H-L, Misch CM, et al. Rationale for the application of immediate load in implant dentistry: part I. *Implant Dent* 2004;13:207-215.
- Misch CE, Wang HL, Misch CM, Sharawy M, Lemons J, Judy KW. Rationale for the application of immediate load in implant dentistry: part II. *Implant Dent* 2004;13:310-321.
- Misch CM, Chasolen H. Restoration of an edentulous mandible following the Diem Immediate Occlusal Loading guidelines utilizing Osseotite NT Certain implants and IOL components. *3i Clinical Perspectives* 2004;4:2-7.
- Peleg M, Garg A, Misch CM, Manzor Z. Maxillary sinus and ridge augmentations using a surface-derived autogenous bone graft. *J Oral Maxillofac Surg* 2004;62:1535-1544.
- Misch CE, Wang HL, Misch CM, et al. Rationale for the application of immediate load in implant dentistry. Part II. *Implant Dent* 2004;13:310-319.
- Misch CM. Implant site development using ridge splitting techniques. *Oral Maxillofac Surg Clin North Am* 2004;16:65-74.
- Misch CE, Goodacre CJ, Finley JM, Misch CM, et al. Crown-height space guidelines for implant Dentistry. *Int Magazine of Oral Implantology* 2005;5:6-26.
- Misch CE, Goodacre CJ, Finley JM, Misch CM, et al. Crown-height space guidelines for implant Dentistry – Part 1. *Implant Dentistry* 2005;14:312- 321.
- Misch CE, Misch CM. Bone augmentation by deficit six and topography. *Dentaltown Magazine* November 2010, p, 54 – 57.
- Misch CM. Autogenous bone: is it still the gold standard? *Implant Dent* 2010;19:361.
- Misch CM. A response to “Revisiting the hopeless ridge: Part I – challenging the gold standard”. *Compendium* 2010;31:96.
- Misch CM. Implant replacement of the impacted maxillary cuspid. *J Clin Pract Oral Implantol* 2010;1:25–30.
- Misch CM. Letter to the Editor: Re: “Distance Between External Cortical Bone and Mandibular Canal for Ramus Graft: A Human Cadaver Study”. *J Periodontol* 2010;81:1103-1104.
- Misch CM. The use of rhBMP-2 for the repair of extraction socket defects: a technical modification and case series report. *Int J Oral Maxillofac Implants* 2010;6:1246-1252.
- Misch CM, Wang HL. Clinical applications of rhBMP-2 for bone augmentation prior to dental implant placement. *Clin Adv Periodontics* 2011;1:1-14.

Misch CM. Maxillary autogenous bone grafting. *Dent Clin North Am* 2011;55:697-713.

Misch CM. Maxillary autogenous bone grafting. *Oral Maxillofac Surg Clin North Am* 2011;23:229-238.

Misch CM. Bone augmentation of the atrophic posterior mandible for dental implants using rhBMP-2 and titanium mesh: clinical technique and early results. *Int J Periodontics Restorative Dent* 2011; 31:581-589.

Misch CM. Book Review: Maxillary sinus surgery and alternatives in treatment. *Implant Dent* 2011;20:398-399.

Misch CM. Book Review: Ridge preservation and immediate implantation. *Implant Dent* 2012;21:442-443.

Rutkowski JL, Winkler S, Buhite RJ, Andreana S, Barber HD, Caplanis N, Flanagan D, Kern J, Lozada J, Misch CM. Impact factors in scientific journals: keeping a balance for the JOI readers. *J Oral Implantol* 2012;38:309-310.

Nevins M, Cappetta EG, Cullum D, Khang W, Misch C, et al. Socket preservation procedure with equine bone mineral: A case series. *Int J Periodontics Restorative Dent* 2014;34:s51-s57.

Misch CM, Jensen O, Pikos M, Malmquist J. Vertical bone augmentation using recombinant bone morphogenetic protein (rhBMP-2), mineralized bone allograft and titanium mesh: a retrospective cone beam computed tomography study. *Int J Oral Maxillofacial Implants* 2015; 30:202-207.

Aghaloo T, Misch CM, Lin G-H, Iacono V, Wang HL. Bone Augmentation of the Edentulous Maxilla for Implant Placement: A Systematic Review. *Int J Oral Maxillofacial Implants* 2015, In Press

Misch CM. Academy of Osseointegration, 2014 Summit on "Current Best Evidence for Management of the Edentulous Maxilla". Clinical Practice Guidelines on Bone Augmentation for Implant Site Development. *Int J Oral Maxillofacial Implants* 2015, In Press

Misch CM. To graft or not to graft: diagnosis and planning of vertical bone defects in the esthetic zone. *Dent Today* Accepted for publication

Abstracts

Misch CE, Misch CM. Medial positioned lingualized occlusion. *Int J Oral Implantol* 1990;7:121.

Ismail YH, Misch CM, Pipko DJ, Misch CE. Stress analysis of a natural tooth connected to an osseointegrated implant in a fixed prosthesis. *J Dent Res* 1991;70:Abs #1550.

Misch CM, Misch CE. Mandibular block grafts for the reconstruction of ridge defects prior to implant placement. *Int J Oral Implantol* 1991;8:160.

Misch CM, Misch CE. Autogenous mandibular bone grafts for reconstruction of ridge deficiencies prior to implant placement. *Int J Oral Maxillofac Implants* 1993;8:117.

Misch CM. Comparison of intraoral donor sites for grafting ridge defects prior to implant placement. American College of Oral & Maxillofacial Surgeons Annual Meeting, May 9-12, 1996.

Misch CM, Williams D, Jolly R. Maxillary implant surgery on a patient with thalassemia minor. *St. Francis J Med* 1996;2:2-S.

Misch CM. Prosthetic guided bone augmentation for implant surgery. *Int J Dental Symposia* 1997;4:59.

Misch CM. Comparison of intraoral donor sites for grafting bone defects prior to implant placement. *St Francis J Med* 1997;3:8-S.

Bumgardner J, Boring J, Copper R, Gao C, Givaruangsawar S, Misch CM, Steflik D. A new implant design evaluated in a canine model. *J Dent Res*

Misch CM. Preparation of thin ridges for implant placement: Onlay versus particulate versus ridge splitting. *J Oral Maxillofac Surg* 2002;60 Suppl 1:9

Misch, CM. Grafting of extraction sockets: when and how. *J Oral Maxillofac Surg* 2006;64, Suppl 1:8.

Book Chapters

Misch CE, Misch CM. Chapter 2. Generic Root Form Component Terminology. In: Misch, CE. ed. *Contemporary Implant Dentistry*. St. Louis, Mosby Year-Book Inc. 1998, pp. 13-19.

Misch CM, Misch CE. Chapter 31. Intraoral Autogenous Donor Bone Grafts for Implant Dentistry. In: Misch, CE. ed. *Contemporary Implant Dentistry*. St. Louis, Mosby Year-Book Inc. 1998, pp. 497-508.

Misch CE, Dietsch F, Misch CM. Chapter 33. Extraoral Autogenous Donor Bone Grafts for Endosteal Implants. In: Misch, CE. ed. *Contemporary Implant Dentistry*. St. Louis, Mosby Year-Book Inc. 1998, pp. 521-538.

Misch CM, Jensen O, Cockrell R. Chapter 10. Autogenous free bone graft harvesting for sinus floor and alveolar reconstruction. In: Jensen, O. ed. *The Sinus Bone Graft*. Chicago, Quintessence Publishing Co., 1998, pp. 117-128.

Misch CM. Implant site development using ridge splitting techniques. *Oral Maxillofac Surg Clin N Am* 2004;16:65-74.

- Misch CE, Misch CM. Generic root form component terminology. In: Misch, CE. ed. *Dental implant prosthetics*. St. Louis, Elsevier Mosby Inc. 2005, pp. 32-42.
- Misch CM. Chapter 11. Maxillofacial donor sites for sinus floor and alveolar reconstruction. In: Jensen, O. ed. *The Sinus Bone Graft*. Chicago, Quintessence Publishing Co., 2005, pp. 1-17.
- Garg A., Misch CM, Cohen E. Mandibular block grafts. In: Cohen E. ed. *Atlas of cosmetic and reconstructive periodontal surgery*. Third edition. BC Decker Inc., 2007, pp. 419 – 432.
- Misch CM. Management of extractions sockets for implant replacement. In: Laskin DM. *Clinicians Manual of Oral and Maxillofacial Surgery*. Quintessence Publishing Company, 2007, pp. 18 – 24.
- Misch CM. Is autogenous bone still the gold standard for bone grafting in implant dentistry? In: Jokstad, A. Ed. *Osseointegration and dental implants*. Wiley-Blackwell, 2008, pp. 152 - 165.
- Misch CM. Autogenous bone grafting for dental implants. In: Fonseca RJ, Marciani RD, Turvey TA. Eds. *Oral and Maxillofacial Surgery*, second edition. Elsevier, 2009, pp. 406 – 427.
- Misch CM. Intraoral bone grafts for dental implants. In: Babbush CA. *Dental Implants: The Art and Science*, second edition. Elsevier, 2011, pp. 276 – 291.
- Misch CM. Complications of autogenous bone grafting. In: Froum S., Ed. *Complications of Implant Dentistry*. Wiley-Blackwell, 2010, pp. 227 - 255.
- Misch CM. Intraoral bone grafts for dental implants. In: Sonick M., Hwang D. Eds. *Implant site development*. Wiley-Blackwell, 2012, pp. 232 – 249.
- Misch CM, Misch CE. The science of osseointegrated implant reconstruction. In: Miloro M, Ghali G, Larsen P, Waite P. Eds. *Peterson's Principles of Oral & Maxillofacial Surgery 3rd Edition*. People's Medical Publishing House, Oak Park, IL, 2011, Chapter 10.
- Misch CM. The anterior maxilla: techniques for vertical and horizontal bone augmentation. In: Bell BR Ed. *American Association of Oral and Maxillofacial Surgeons Oral and Maxillofacial Surgery Knowledge Update*. <http://aaomslms.centrax.com/course/view.php?id=12>
- Misch CM. Complications of autogenous bone grafting. In: Froum S., Ed. *Complications of Implant Dentistry*. Wiley-Blackwell, 2015, pp. 227 - 255.
- Misch CM. Autogenous bone grafting for dental implants. In: Fonseca RJ, Marciani RD, Turvey TA. Eds. *Oral and Maxillofacial Surgery*, second edition. Elsevier, 2015, In Press
- Misch CM, Nevins M. BMP and Biologics in Bone Augmentation. In: Cullum D, Deporter D. Eds. *Minimally Invasive Dental Implant Surgery*, Wiley-Blackwell, 2015 In Press

Research

Clinical study on "The comparison of bupivacaine and lidocaine in maxillary implant surgery: Duration of anesthesia and postoperative analgesia" 1990-1992.

Masters Thesis, "Three dimensional finite element stress analysis of a tooth and implant in a rigid and non rigid fixed prosthesis" 1990-1991. Third Place, John Sharry Research Competition, American College of Prosthodontists, 1992.

Clinical studies on "The reconstruction of maxillary alveolar defects with mandibular bone grafts for dental implants" 1990-1998.

Clinical study on "Hydroxylapatite transosteal augmentation of dental implants", CeraMed Corporation, 1995-1996

St. Francis Medical Center Research Week, "Maxillary implant surgery on a patient with thalassemia". Research case report, 1996

Clinical study on "Comparison of intraoral donor sites for ridge augmentation prior to implant placement", 1995-1997.

Co-Investigator, "Evaluation of a newly micro-designed dental implant system in a canine model". Animal study trial evaluating performance of BioHorizons implant system, Mississippi State University, Dept of Biological Engineering, 1996.

Co-Investigator, Resorbable Tissue Tack System, BioHorizons Implant System, Birmingham, AL, 1998

Clinical Study on "Plan for smoking cessation for autologous onlay bone graft patients" 1998-2008.

Research Committee, Academy of Osseointegration, 1993-2002

Research Committee, American Academy of Implant Dentistry, 1995-2002

Clinical Evaluation, 3i Diem immediate loading system, Implant Innovations 2003

Co-Investigator, Use of rhBMP-2 with simultaneous implant placement, Medtronic, 2010

Co-Investigator, Use of rhBMP-2 for ridge width augmentation, Medtronic, 2010

Co-Investigator, "Evaluation of a newly designed dental implant system in a minipig model". Animal study trial evaluating performance of BioHorizons platform shift implant system, Mississippi State University, Dept of Biological Engineering, 2012.

Research Committee, Misch Research Award, Drs. Carl Misch, Craig Misch, Myron Nevins Edward Allen, 2015

Presentations Before Professional Groups

International Congress of Oral Implantologists Annual World Meeting
Hong Kong, 1986

"Dental evaluation of the implant candidate"

Alabama Implant Congress
Birmingham, AL 1987

"Implant removable prosthetics"

Michigan Dental Association Annual Meeting
Detroit, MI 1989

"Maxillary sinus elevation for posterior implant placement"

Michigan Dental Association Annual Meeting
Detroit, MI 1990

"The influence of bone density on endosseous dental implants"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Pittsburgh, PA 1990

"Endosseous implant surgery"

Alabama Implant Congress
Birmingham, AL 1990

"The influence of bone density on endosseous dental implants"

American College of Oral Implantologists Annual Meeting
Chicago, IL 1990

"Medial positioned lingualized occlusion for implant prostheses"

American Association of Implant Auxiliaries Annual Meeting
Chicago, IL 1990

"Periodontal considerations of dental implants"

American Academy of Implant Prosthodontics Annual Meeting
Pittsburgh, PA 1990

"Sinus elevation, subantral augmentation"

American Student Dental Association Annual Table Clinic Presentations
Pittsburgh, PA 1991

"Reconstruction of maxillary alveolar defects
with mandibular symphysis grafts for dental implants"

International Association of Dental Research Annual International Conference
Acapulco, Mexico 1991

"Stress analysis of a natural tooth connected to an
osseointegrated implant in a fixed prosthesis"

American College of Oral Implantology Annual Meeting
Dearborn, MI 1991
Scientific Program - "Mandibular block grafts for the reconstruction of
ridge defects prior to implant placement"
Laboratory Technicians Program - "Occlusal schemes in implant prosthodontics"
Auxiliary Program - "Understanding root form prosthodontics"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Tel Aviv, Israel, October 1991
"Introduction to implant dentistry"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Tel Aviv, Israel, December 1991
"Endosseous dental implants"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Tel Aviv, Israel, January 1992
"Maxillary sinus elevation techniques"

Academy of Osseointegration Annual Conference
Vancouver, Canada, February 1992
Table Clinic "Reconstruction of ridge defects with mandibular
block grafts for dental implants"

Pennsylvania Academy of General Dentistry Annual State Meeting
Hershey, PA, April 1992
"Clinical applications of current implant research"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implant Dentistry Study Club
Pittsburgh, PA, July 1992
"Ridge augmentation for dental implants"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implant Dentistry Study Club
Pittsburgh, PA, September 21, 1992
"Hydroxylapatite-coated implants"

Middle Tennessee Implant Study Club
Nashville, TN, October 12, 1991
"Implant prosthodontics"

American Academy of Implant Dentistry Annual Meeting
Orlando, FL, October 17, 1992

"Reconstruction of ridge defects with mandibular
block grafts for dental implants"

American College of Prosthodontists Annual Meeting
Tampa, FL, November 7, 1992

"Finite element analysis of implant to tooth fixed partial
denture designs"

Pittsburgh Dental Research Club
Pittsburgh, PA, November 11, 1992

"Clinical applications of dental implant research"

American Academy of Implant Dentistry
Maxi-Course, Brookdale Study Group
New York, NY, December 4, 1992

"Hydroxylapatite implant coatings"
"The use of autogenous bone in ridge augmentation"

Leonard M. Monheim Memorial Lecture 42nd Annual ASDA Day
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, February 24, 1993

"Oral implantology: Tomorrow's dentistry today"

Academy of Osseointegration Annual Conference
San Diego, CA, March 5, 1993

Table Clinic - "Autogenous mandibular bone grafts for the reconstruction
of ridge deficiencies prior to implant placement"

University Maimonides
International Symposium on Oral Maxillofacial Implants
Buenos Aires, Argentina, May 7-9, 1993

"Ridge augmentation for implant placement"
"Hydroxylapatite coatings on dental implants"
"Removable implant prosthodontic concepts"

University of Miami School of Medicine
Implant Dentistry Training Program
Miami, FL, August 21, 1993

"Ridge augmentation for implant placement"
"Hydroxylapatite coatings on dental implants"
"Removable implant prosthodontic concepts"

American Academy of Implant Prosthodontics Annual Conference
Baltimore, MD, September 10, 1993

"Implant to tooth fixed partial denture designs"

American Academy of Implant Dentistry Annual Conference
Dallas, TX, October 8, 1993

"Treatment planning considerations of posterior partial edentulism"

Misch Implant Institute

Treatment of the Premaxilla

Dearborn, MI, October 16, 1993

"Intraorally harvested autografts for ridge augmentation"

University of Miami School of Medicine

Implant Dentistry Training Program

Miami, FL, November 6, 1993

"Ridge augmentation for implant placement:

Intraorally harvested autografts and membrane techniques"

University of Pittsburgh School of Dental Medicine

Department of Continuing Education

Implantology Study Club

Pittsburgh, PA, December 6, 1993

"Hydroxylapatite-coated implants"/"Fixed implant prosthodontics"

Misch Implant Institute

University of Pittsburgh School of Dental Medicine

Pittsburgh, PA, January 15, 1994

"The HA controversy"

University of Pittsburgh School of Dental Medicine

Department of Continuing Education

Endodontic Study Club

Pittsburgh, PA, February 9, 1994

"Single tooth implants"

University of Pittsburgh School of Dental Medicine

Department of Continuing Education

Scranton, PA, April 6, 1994

"Implant Prosthodontics"

Greater Nebraska Implant Study Club

Kearney, NE, April 23, 1994

"Implant Dentistry Potpourri"

New York Implant Study Club

Rochester, NY, June 1, 1994

"Implant Prosthodontics"

First International Conference on
Implant Treatment with Severe Bone Deficiencies
St. Petersburg, FL, July 29-31, 1994
"Management of the severely atrophic jaws for dental implants"

Seattle Implant Study Clubs
New York, NY, October 18, 19, 20, 1994
"Implants in partial edentulism"

New York University
Continuing Education, Implant Study Club
New York, NY, October 20, 1994
"Bone regeneration via intraorally harvested bone grafts"

Butler County Dental Society
Butler, PA, November 16, 1994
"Implants in partial edentulism"

Sixth Annual Brookdale Hospital/New York University
American Academy of Implant Dentistry Implant Maxi-Course
New York, NY, November 20, 1994
"Implant prosthetic and surgical management of partial edentulism"

70th Annual Greater New York Dental Meeting
New York, NY, November 30, 1994
"Autogenous mandibular symphysis bone
grafts for implant placement"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implantology Study Club
Pittsburgh, PA, January 23, 1995
"Bony sculpting: Managing the deficient ridge for implant placement"

Seattle Study Club, The Discovery Study Club
Pittsburgh, PA, February 6, 1995
"Clinical evaluation of dental implants:
Controversies in peri-implantology"

The Midwest Implant Institute
Symposium X
Columbus, OH, February 12, 1995
"Application of research findings to clinical practice"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, March 12, 1995
"Hydroxylapatite-coated dental implants: Biology, biochemistry and clinical indications"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implantology Study Club
Pittsburgh, PA, March 27, 1995
"Controversies in peri-implantology: HA-coated implants"

Connecticut Dental Association
Broward County Dental Meeting
Hartford, CT, April 19, 1995
"Treating posterior partial edentulism with dental implants"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implantology Study Club
Pittsburgh, PA, April 24, 1995
"Removable implant prosthetics"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, May 13, 1995
"Guided bone regeneration for implant placement"

University of Miami School of Medicine
Implant Dentistry Training Program
Miami, FL, May 14, 1995
"Implants in partial edentulism:
Augmentation techniques for the deficient ridge"

University of Pittsburgh School of Dental Medicine
Department of Continuing Education
Implantology Study Club
Pittsburgh, PA, May 22, 1995
"Fixed implant prosthetics"

University of Mississippi School of Dentistry
Jackson, MS, September 23, 1995
"Fundamentals of implant prosthodontics:
Focus on implant overdentures"

Three Rivers Dental Society Annual Meeting
Pittsburgh, PA, November 9, 1995
"Bony sculpting: Modifying the residual ridge for ideal implant placement"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, November 9-11, 1995
"Guided bone regeneration with implant placement"
"Intraoral autogenous donor sites for grafting ridge defects"

Seventh Annual Brookdale Hospital/New York University
American Academy of Implant Dentistry Implant Maxi-Course
New York University, New York, NY, December 10, 1995
"Implant surgical and prosthetic management of partial edentulism:
Creating ideal bone conditions for independent implant prostheses"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, January 14, 1996
"Clinical pharmacology for implant surgery"

New York University School of Dentistry
Current Concepts in American Dentistry
New York, NY, February 15, 1996
"Surgical and prosthetic strategies for managing partial edentulism"

Academy of Osseointegration Annual Conference
Table Clinic Presentation
New York, NY, March 2, 1996
"Comparison of intraoral donor sites for ridge
augmentation prior to implant placement"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, March 10, 1996
"Hydroxylapatite-coated dental implants:
Biology, biochemistry and clinical indications"

Steri-Oss Eighth Annual Ski Symposium
Winterpark, CO, March 12, 1996
"Surgical and prosthetic strategies for managing partial edentulism"

St. Francis Medical Center Research Week & Conference
Pittsburgh, PA, April 19, May 14, 1996
"Maxillary implant surgery on a thalassemia patient"

Misch Implant Institute
Innesbrook, FL, April 26-28, 1996
"Removable implant prosthetics"

American College of Oral & Maxillofacial Surgeons
Research Abstract Presentation
Philadelphia, PA, May 10, 1996
"Comparison of intraoral donor sites for ridge
augmentation prior to implant placement"

Western Pennsylvannia Society of
Oral & Maxillofacial Surgeons
Pittsburgh, PA, May 15, 1996
"Comparison of intraoral donor sites for ridge
augmentation prior to implant placement"

Pennsylvania Society of
Oral & Maxillofacial Surgeons
Hershey, PA, May 19, 1996
"Comparison of intraoral donor sites for ridge
augmentation prior to implant placement"

Misch Implant Institute
Auxiliary Training Program
Pittsburgh, PA, July 20, 1996
"Medical evaluation of the implant candidate"

New York University School of Dentistry
Current Concepts in American Dentistry
New York, NY, October 11, 1996
"Prosthetic and surgical considerations to achieve optimal
functional and esthetic results"

Steri-Oss Implant Training Center
Yorba Linda, CA, October 26, 1996
"Replacement of the dentition with dental implants:
Bioengineering for success"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, November 10, 1996
"Ridge augmentation using mandibular ramus bone grafts"
"The biomechanics of ridge augmentation for dental implants"

Steri-Oss Implant Training Center
Toronto, Canada, November 26, 1996
"Replacement of the dentition with dental implants:
Bioengineering for success"

University of Pittsburgh School of Dental Medicine
Division of Continuing Education
Endodontic Study Club
Pittsburgh, PA, December 10, 1996
"Single Tooth Implants"

The Brookdale Univ Hosp and Med Ctr
New York University College of Dentistry
New York, NY, January 9, 1997
"Implants in Partial Edentulism"

Misch Implant Institute
Nashville, TN, February 1, 1997
"Introduction to clinical pharmacology"

University of Pittsburgh School of Dental Medicine
Division of Graduate Periodontics
Pittsburgh, PA, February 5, 1997
"The biology of bone grafting:
Clinical implications for implant dentistry"

American Academy of Implant Dentistry
Central District Annual Meeting
Chicago, IL, February 19, 1997
"Ridge augmentation for ideal implant placement"

Dade/Broward Osseointegration Implant Study Club
Miami, FL, February 22, 1997
"Preventing and managing complications in implant dentistry"

Northern Ohio Oral Implant Study Club
Boardman, OH, February 27, 1997
"Implants in partial edentulism"

Academy of Osseointegration
Twelfth Annual Meeting, Main Podium
San Francisco, CA, March 7, 1997
"Intraoral bone grafts for the reconstruction of jaw
defects prior to implant placement"

Steri-Oss Implant Training Course
Pittsburgh, PA, March 15, 1997
"Replacement of the dentition with dental implants:
Bioengineering for success"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, March 23, 1997
"Hydroxylapatite-coated dental implants:
Biology, biochemistry and clinical indications"

St. Francis Medical Center Research Week & Conference
Pittsburgh, PA, April 24, 1996
"Comparison of intraoral donor sites for onlay grafting prior to implant placement"

Alabama Implant Congress XXIII
Birmingham, AL, April 25, 1997
"Modifying the residual ridge for optimum implant placement"

Steri-Oss Implant Training Course
Vancouver, CA, May 3, 1997
"Replacement of the dentition with dental implants:
Bioengineering for success"

Steri-Oss International Conference
Orlando, FL, May 16-17, 1997
"Prosthetic guided bone augmentation"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, June 22, 1997
"Guided bone regeneration; Provisionals for bone graft healing"

New York University in Spain
Traveling Faculty Continuing Education
Barcelona, Spain, June 28-29, 1997
"Implant prosthodontics for partial edentulism"
"Bone augmentation for implant placement"

Misch Implant Institute
Auxiliary Training Program
Pittsburgh, PA, August 9, 1997
"Medical evaluation of the implant candidate"

Santa Cruz Dental Society
Santa Cruz, CA, September 13, 1997
"Ideal implant placement"

American Academy of Implant Dentistry
46th Annual Meeting
Atlanta, GA, September 25, 1997
"Bony Sculpting: Intraoral bone grafts for ridge augmentation"

Steri-Oss Implant Training Course
Toronto, CA, October 18, 1997
"Replacement of the dentition with dental implants:
Bioengineering for success"

Pittsburgh Periodontal Academy
Pittsburgh, PA, October 22, 1997
"Reconstruction of alveolar bone for implant placement"

Egyptian Dental Association
8th International Dental Congress
Cairo, Egypt, November 5, 1997
"Prosthetic guided bone augmentation"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Advanced Bone Grafting
Pittsburgh, PA, November 8-10, 1997
"Ramus bone grafts - surgical techniques"
"Comparison of ramus and symphysis bone grafts"
"Biology, healing and complications of intraoral bone grafting"

Biohorizons Implant Systems
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, November 10, 1997
"Occlusal concepts in implant dentistry"

Endodontic Study Club
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, December 10, 1997
"Management of endodontic failures with dental implants"

Medical College of Georgia School of Dentistry
American Academy of Implant Dentistry
Maxicourse Reunion 1998
The Cloister, Sea Island, GA, January 25, 1998
"Bone grafting - an overview"

Oral & Maxillofacial Surgery Grand Rounds
University of Miami/Jackson Memorial Hospital
Miami, FL, February 23, 1998
"Intraorally harvested bone for pre-prosthetic ridge augmentation"

Academy of Osseointegration
Thirteenth Annual International Meeting
Atlanta, GA, March 6, 1998
"Lunch with the Experts - Bone grafting for ideal implant placement"

New York University in France
Traveling Faculty Continuing Education
Paris, France, April 4, 1998
"Implant prosthodontics for partial edentulism"
"Bone augmentation for implant placement"

American Academy of Implant Dentistry Implant Maxi-Course
Brookdale Hospital/New York University
New York, NY, April 17, 1998
"Implant surgical and prosthetic management of partial edentulism:
Creating ideal bone conditions for independent implant prostheses"

St. Francis Medical Center Research Conference
Pittsburgh, PA, April 27, 1998
"Evaluation of a new biomechanically designed implant in a canine model "

Northeast Ohio Implant Study Club
Youngstown, OH, June 6, 1998
"Provisional prostheses during bone graft and implant healing"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, June 16, 1998
"Provisional prostheses during bone graft and implant healing"

Grand Rounds
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, September 24, 1998
"Treatment options with implant dentistry"

Greater Niagra Dental Meeting
Buffalo, NY, October 8, 1998
"Treatment of the partially edentulous patient with dental implants".

Northeast Ohio Implant Study Club
Youngstown, OH, October 21, 1998
"Maxillary implant overdentures"

Eastman Dental Center
Rochester, NY, November 5, 1998
"Monocortical bone grafts"

Misch Implant Institute
University of Pittsburgh School of Dental Medicine
Pittsburgh, PA, November 21-22, 1998
"Mandibular ramus bone grafts"
"Indications for intraoral bone grafts"

NobelBiocare Implant Training Course
Yorba Linda, CA, December 5, 1998
"Strategies for improving the long term prognosis of implant prostheses "

Ninth Annual Implant Symposium
New York University
New York, NY, December 11, 1998
"Prosthetic guided bone augmentation"

International Congress of Oral Implantologists
Annual Winter Meeting
New Orleans, LA, February 6, 1999
"The ramus bone graft: bone biology and surgical techniques"

Howard University College of Dentistry
Implant Maxi-Course
Washington, DC, February 13, 1999
“Bone grafting for implant placement”

Academy of Osseointegration
Lunch and Learn Program
Palm Springs, CA, March 6, 1999
“In office autogenous bone grafting techniques”

New York University in Portugal
Traveling Faculty Continuing Education
Lisbon, Portugal, March 13, 1999
“Autogenous bone augmentation for implant placement”

Pinnacle Study Club
Ft. Lauderdale, FL, March 26, 1999
“Prosthetic guided bone augmentation”

University of Pittsburgh School of Dental Medicine
Misch Implant Institute
Pittsburgh, PA, March 27, 1999
“Clinical pharmacology for implant surgery”

University of Michigan School of Dentistry
Implants 1, 2, 3
Ann Arbor, MI, April 12, 1999
“Monocortical bone grafts”

State University of New York at Buffalo
Michael A. Meenaghan Dental Implant Symposium
Buffalo, NY, April 23, 1999
“Application of bone biology to clinical practice”

International Congress of Oral Implantology
World Congress XIX
Buenos Aires, Argentina, May 14-16, 1999
“Prosthetic guided bone augmentation”

Western Pennsylvania Association of
Oral and Maxillofacial Surgeons
Pittsburgh, PA, May 19, 1999
“Prosthetic guided bone augmentation”

University of Pittsburgh School of Dental Medicine
Misch Implant Institute
Pittsburgh, PA, May 23, 1999
“Provisional prostheses during bone graft and implant healing”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Orlando, FL, June 11-13, 1999
Three Day Lecture and Cadaver Course

Reading Implant Study Club
Reading, PA, June 19, 1999
"Prosthetic guidelines for bone augmentation"

University of Manitoba
Winnipeg, Canada, June 21, 1999
"Cortical Bone Grafts" with Cadaver Laboratory

Medical College of Georgia
AAID Maxicourse
Atlanta, GA, August 15, 1999
"Maxillofacial reconstruction with autologous bone grafts"

American Academy of Implant Dentistry
48th Annual Meeting
Orlando, FL, September 23, 1999
"Use of the mandibular ramus as a donor site for onlay grafting"

European Clinicians Meeting
Nobel Biocare
Faro, Portugal, October 1, 1999
"Replacement of congenitally absent teeth with dental implants"

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, October 15 - 17, 1999
Three day lecture and cadaver course

University of Pittsburgh School of Dental Medicine
Misch Implant Institute
Pittsburgh, PA, November 6 - 8, 1999
"Ramus bone graft for onlay augmentation"
"Comparison of intraoral donor sites for grafting"

Dr. Arnold Freeman's Periodontal Study Group
Chicago, IL, November 10, 1999
"Prosthetic strategies for complex implant reconstructions"

New Jersey Society of Oral & Maxillofacial Surgeons
Woodbridge, NJ, November 17, 1999
"Prosthetic guided bone augmentation for surgeons"

Howard University College of Dentistry
3rd Annual Comprehensive Program on Implant Dentistry
Washington, D.C., December 10, 1999
"Bone biology and bone grafting for implants"

Seattle Study Club Annual Symposium
Palm Springs, CA, January 28 - 30, 2000
"Prosthetic guided bone augmentation"

Toronto Implant Study Club
Toronto, CA, February 18, 2000
"Implant treatment strategies for patients jaw atrophy"

Academy of Osseointegration
15th Annual Meeting
New Orleans, LA, March 10-12, 2000
Main Podium:
"Treatment of the atrophic posterior mandible with block autologous bone grafts"
Limited Attendance Clinic:
"Prosthetic guided bone augmentation"

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, March 24 - 27, 2000
Three day lecture and cadaver course

The Tenth Annual San Francisco Implant Symposium
San Francisco, CA, April 1, 2000
"Prosthetic guided bone reconstruction"

New York University School of Dentistry
Current Concepts in American Dentistry - Argentina
New York, NY, April 24, 2000
"Prosthetic and surgical considerations to achieve optimal functional and esthetic results"

University of Pittsburgh School of Dental Medicine
Misch Implant Institute
Pittsburgh, PA, June 4, 2000
"Clinical pharmacology for implant surgery"

University of Michigan School of Dentistry
Implants 1, 2, 3
Ann Arbor, MI, June 5-6, 2000
"Monocortical bone grafts" and hands on cadaver surgery

Long Island Academy of Periodontics
New York, NY, June 19, 2000
"Onlay bone grafting for dental implants"

New York University School of Dentistry
Current Concepts in American Dentistry - Taiwan
New York, NY, April 24, 2000
"Prosthetic and surgical considerations to achieve optimal functional and esthetic results"

Misch Implant Institute
Implants Prosthetics Course
Tampa, FL, June 24, 2000
“Prosthetic guidelines for bone augmentation”

Chesterwoods Oral/Maxillofacial Study Group
Drs. Richard Riva, Gerard Begely
Newark, NJ, June 28, 2000
“Prosthetic strategies for reconstructive surgery”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, July 14 - 16, 2000
Three day lecture and cadaver course

Medical College of Georgia
School of Dentistry
American Academy of Implant Dentistry Maxicourse
Atlanta, GA, August 13, 2000
“Bone grafting concepts in implant dentistry”

Dawson Study Club
Annual Scientific Meeting
St. Petersburg, FL, September 29, 2000
“Prosthetic guided implant dentistry”

Dr. Steven Cooper Study Club
Roslyn, NY, October 2, 2000
“Restorative options using the Replace implant system”

Pinellas County Dental Society
St. Petersburg, FL, October 4, 2000
“Prosthetic guided bone augmentation”

International Congress of Oral Implantology
Annual World Meeting
Berlin, Germany, October 14 – 16, 2000
“Prosthetic guided bone augmentation” – main podium
“Large block bone grafts” – limited attendance

Sacramento Winter Meeting
Sacramento, CA, February 2, 2001
“Prosthetic alternatives in managing partial edentulism”
“Intraoral bone grafting”

Oregon State Society of Oral & Maxillofacial Surgeons
Portland OR, February 3, 2001
“Reconstruction of the jaws following severe atrophy and trauma”

Nobel Biocare North American Team Day
February 16, 2001
“Prosthetic guided bone augmentation”

Seattle Study Club - Long Island
Long Island, NY, March 16, 2001
“Prosthetic alternatives for managing edentulism”

Misch Implant Institute
Pittsburgh, PA, March 17
“Clinical pharmacology”

Seattle Study Club - Heartland Study Club
Fargo, ND, April 6, 2001
“Prosthetic perspectives on ridge atrophy”

Tufts University School of Dentistry
Boston, MA, May 18, 2001
“Prosthetic guided bone augmentation”

International Congress of Oral Implantology
Annual World Meeting
Las Vegas, NV, June 1, 2001
“Soft tissue considerations for onlay augmentation”

Southern California Osseointegration Study Club
Los Angeles, CA, June 8, 2001
“Updates on bone augmentation in implant dentistry”

BioHorizons Implant Systems
Phoenix, AZ, June 9, 2001
“Updates on bone augmentation in implant dentistry”

American Academy of Implant Dentistry
Maxi-course
Atlanta, GA, July 21, 2001
“Introduction to the use of autologous bone”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, July 27 - 29, 2001
Three day lecture and cadaver course

Misch Implant Institute
Pittsburgh, PA, August 11 – 13, 2001
“Reconstruction of the posterior mandible”

American Association of Oral and Maxillofacial Surgeons
Annual Meeting – Symposium on the Atrophic Maxilla
Orlando, FL, September 15, 2002
“The use of autologous bone for sinus grafting”

Yankee Dental Conference
Boston, MA, February 2, 2002
“Provisional prostheses using Immediate loaded implants”

Platelet Rich Plasma Symposium
Orlando, FL, March 1, 2002
“The use of PRP in jaw reconstruction for dental implants”

New York University School of Dentistry
Postgraduate Implant Program
New York, NY, March 26, 2002
“Onlay bone grafting using the mandibular ramus”

American College of Oral and Maxillofacial Surgeons
Biloxi, MS, April 11, 2002
“Prosthetic guidelines for alveolar reconstruction”

International Congress of Oral Implantologists
San Juan, Puerto Rico, April 13, 2002
“Advancements in onlay bone grafting”

Broward County Dental Society
Hollywood, FL, April 26, 2002
“Prosthetic guided bone augmentation”

Great Lakes Society of Oral and Maxillofacial Surgeons
Annual Meeting
Scottsdale, AZ, May 4, 2002
“Reconstruction of the jaws for dental implants”

Society for the Preservation of Oral Health
Tucson, AZ, June 1, 2002
“Prosthetic Guided Bone Augmentation”

Florida Society of Oral & Maxillofacial Surgeons
Key West, FL, July 26 – 28, 2002
“Bone Augmentation for the Surgical/Restorative Team”

Seattle Study Club
10th Annual National Symposium
Key Biscayne, FL, January 29 – February 2, 2003
“Building a foundation for restorative success”
“The complete clinician – The surgical/restorative interface”
“Comprehensive case presentation – distraction osteogenesis vs. onlay grafting”

Coastal Oral & Cosmetic Surgery
Daytona Beach, FL, February 6, 2003
“Surgical and prosthetic strategies for managing dental implant cases”

Central Coast Study Club
San Louis Abisbo, CA, February 15, 2003
“Surgical and prosthetic strategies for managing dental implant cases”

Dr. Thomas Averitt’s Study Club
Sarasota, FL, February 19, 2003
“Sinus bone grafting”

Osteohealth Pre-Meeting Lecture (Academy of Osseointegration)
Boston, MA, February 26, 2003
“The use of autologous bone with Bio-Oss for ridge augmentation”

Charlotte County Dental Association
Port Charlotte, FL, March 18, 2003
“Immediate implant loading”

BioHorizons Annual Implant Symposium
Clearwater, FL, March 27 – 29, 2003
“Prosthetic guided bone augmentation”

Maryland State Society of Oral & Maxillofacial Surgeons
Baltimore, April 2, 2003
“Surgical and prosthetic strategies for managing dental implant cases”

Pinellis County Dental Association
St. Petersburg, FL, April 9, 2003
“Immediate implant loading and distraction osteogenesis”

2nd Annual Symposium on Platelet Rich Plasma (PRP) and Growth Factors
San Francisco, CA, April 24 – 27, 2003
“Implant site development in complex cases”

ADI/ICOI
Birmingham, England, May 8 – 10, 2003
“Enhancing outcomes using block autologous bone grafts”

Connecticut Society of Periodontists
New Haven, CT, June 4, 2003
“Bone augmentation 2003”

Southern Academy of Periodontology
Asheville, NC, June 28, 2003
“Prosthetic driven bone grafting”
“The use of mandibular bone grafts to avoid functional and esthetic pitfalls”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, September 5-6, 2003

Harvest Technologies PRP course
Orlando, FL, September 13, 2003
“The use of platelet rich plasma in maxillofacial surgery”

Dr. Barry Kligerman’s Seattle Study Club
Ft. Lauderdale, FL, September 25, 2003
“Prosthetic guided bone augmentation”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Sarasota, FL, October 10-11, 2003

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, February 28-29, 2004

American Academy of Cosmetic Dentistry
Bel Harbor, FL, October 17, 2003
“Enhancing implant esthetics with ridge augmentation procedures”

Implant Innovations 3i Sinus Forum
October 24, Phoenix, AZ, October 24, 2003
“The use of autologous bone for sinus grafting”

American Academy of Implant Dentistry
Immediate Loading Consensus Conference
November 7, 2003, Hollywood, FL
“A rationale for full arch immediate implant loading”

North Georgia Oral Surgery Society
Atlanta, GA, January 23, 2004
“Reconstructive procedures for dental implant treatment”

Dr. Nick Deture’s Study Club
Ft. Lauderdale, FL, November 20, 2003
“Prosthetic guided bone augmentation”

University of Texas San Antonio Implant Program
San Antonio, TX, February 7, 2004
“Bone augmentation for dental implants”

Advanced Bone Grafting for Dental Implants
Yorba Linda, CA, February 28-29, 2004
Three day course with cadaver lab

Academy of Osseointegration Annual Meeting
San Francisco, CA, March 18 – 21, 2004
Limited attendance – “Improving results with sinus bone grafts”
Main Podium - “Sinus bone graft complications”
Treatment Planning Session – “Prosthetic guided bone augmentation”
Lunch and Learn – “Distraction osteogenesis and onlay bone grafting”

Advanced Bone Grafting for Dental Implants
Sarasota, FL, April 16-17, 2004
Three day course with cadaver lab

Dr. Stanley Small’s Study Club
White Plains, NY, April 28, 2004
“Prosthetic guided bone augmentation and immediate loading”

New York Academy of Oral Rehabilitation
New York, NY, April 30, 2004
“Prosthetic guided bone augmentation”

Northern Lights Study Club
Minneapolis, MN, May 7, 2004
“Immediate loading and bone augmentation for dental implants”

Dr. Steve Black’s Seattle Study Club
Bozeman, MT, May 14, 2004
“Prosthetic guided bone augmentation”

International Congress of Oral Implantologists
World Meeting – Main Podium
Las Vegas, NV, June 26, 2004
“Surgical solutions for inter arch space problems”

Florida Society of Oral and Maxillofacial Surgeons
Biannual Implant Meeting – 3 day speaker
Key West, FL, July 30 – August 1, 2004
“Immediate implant loading and reconstructive surgery for dental implants”

Florida Prosthodontic Association
Annual State Meeting
Tampa, FL, August 28, 2004
“Immediate implant loading”

Third Annual Evening at the Ritz
Sarasota, FL, September 22, 2005
“Immediate implant loading and implant esthetics”

Michigan Dental Association
Lansing, MI, October 8, 2004
“Update on current trends in implant dentistry”

Nobel Biocare - Advanced Bone Grafting for the Dental Specialist
Sarasota, FL, October 22-23, 2004
Two day course on bone reconstruction for dental implants

Middle Atlantic Society of Oral and Maxillofacial Surgeons
Baltimore, MD, November 3, 2004
“Prosthetic guided bone augmentation”

Nobel Biocare Australia
Sydney, Australia, November 11, 2004
“Immediate implant loading with one piece implants”

Nobel Biocare - Advanced Bone Grafting for Dental Implants
Sydney, Australia, November 12-13, 2004
Two day course on bone reconstruction for dental implants

Nobel Biocare Australia
Melbourne, Australia, November 15, 2004
“Immediate implant loading with one piece implants”

Nobel Biocare - Advanced Bone Grafting for the Dental Specialist
Yorba Linda, CA, November 19-20, 2004
Two day course on bone reconstruction for dental implants

Seattle Study Club Annual Meeting
Cancun Mexico, January 25 – 26, 2005
“The Less Syndrome; Management of Implant Failure Cases”
“Shortcomings and Limitations of Alveolar Reconstruction”

Seattle Study Club
Kansas City, KS, February 18, 2005
“Current concepts in implant dentistry”

Academy of Osseointegration
Round table clinic
Orlando, FL, March 11, 2005
“Enhancing outcomes with autologous bone grafts”

New York University Implant Innovations Program - Spain
New York, NY, April 19, 2005
“Full arch immediate implant loading”
“Advanced bone grafting techniques”

Seattle Study Club
April 22, 2005, Portland Maine
“Current concepts in implant dentistry”

Periodontal Study Group Nobel Biocare
May 6, 2005, Long Island, NY
“Current concepts in implant dentistry”

Dr. Michael Kolodychak’s Study Club
Erie, PA, May 11, 2005
“Current concepts in implant dentistry”

Seattle Study Club
Minneapolis, MN, May 19, 2005
“Immediate implant loading”

Nobel Biocare 2005 World Conference
Las Vegas, NV, June 7, 2005
“Implant stability and immediate function”

Chicago Center for Advanced Dentistry
Saint Petersburg, Russia, June 23, 2005
“Implant stability and immediate function”
“Advanced bone grafting for dental implants”

Florida National Dental Conference
Orlando, FL, July 9, 2005
“Ridge augmentation for dental implants”

Southern Academy - American Academy of Implant Dentistry
Coral Gables, FL, July 16, 2005
“Autologous bone grafting for dental implants”

University of Medicine and Dentistry New Jersey
Newark, NJ, October 5, 2005
“Immediate implant loading protocols”

Nobel Biocare Training Center
Mauwa, NJ, October 14-15, 2005
Two day course on immediate implant loading

American Academy of Implant Dentistry
Annual Meeting – main podium
Phoenix, AZ, October 20, 2005
“Reconstructive option for the anterior maxilla”

Fourth Annual “Evening at the Ritz”
Sarasota, FL, October 25, 2005
“Current concepts in implant dentistry”

Nobel Biocare Training Center
Yorba Linda, CA, November 4-5, 2005
Two day course on immediate implant loading

New York University School of Dentistry
Department of Continuing Education
New York, NY, November 15, 2005
“Immediate implant loading and reconstructive surgery for dental implants”

American Association of Oral and Maxillofacial Surgeons
Annual Dental Implant Conference
Chicago, IL, December 1, 2005
Hands on course on immediate implant restorations
“The surgeons perspective on immediate loading of single and small segment implant restorations”

American Association of Oral and Maxillofacial Surgeons
Annual Dental Implant Conference – main podium
Chicago, IL, December 2, 2005
“The management of endodontic failures and root resorption in the esthetic zone with dental implants”

Harvest Technologies
Chicago, IL, December 4, 2005
“The use of platelet rich plasma in reconstructive implant surgery”

Charlotte County Dental Society
Punta Gorda, FL, January 17, 2006
“Esthetic implant dentistry”

Academy of Osseointegration
Annual Meeting – main podium
Seattle, WA, March 18, 2006
“Treatment of the esthetic zone with immediate implant restoration”

Pennsylvania Association of Oral Maxillofacial Surgeons
State Meeting – featured speaker
Hershey, PA, May 18, 2006
“Immediate implant loading and advanced bone grafting”

American Association of Oral and Maxillofacial Surgeons
Annual Meeting – symposia main podium
San Diego, CA, October 6, 2006
“A rationale for socket bone grafting for implant placement”

American Association of Oral and Maxillofacial Surgeons
Annual Dental Implant Conference
Chicago, IL, December 1, 2006
Hands on course on immediate implant restorations
“The surgeons perspective on immediate loading of single and small segment implant restorations”

American Association of Oral and Maxillofacial Surgeons
Annual Dental Implant Conference – main podium
Chicago, IL, December 2, 2006
“The management of the atrophic maxilla for dental implants”

International Congress of Oral Implantologists
Winter Symposium
Orlando, FL, January 25 – 27, 2007
“Immediate loading of implants in reconstructed bone”

Focus on the Sinus
Newport Beach, CA, April 17 – 20, 2007
“The use of autologous bone for sinus and onlay bone grafting”

The 9th International Symposium on Periodontics and Restorative Dentistry
Boston, MA, June 7 – 10, 2007
“A clinical rationale for various sinus bone graft materials and techniques”

American Association of Oral and Maxillofacial Surgeons
Annual Meeting – symposia main podium
Honolulu, HA, October 11, 2007
“Minimizing the morbidity of bone graft procedures”

American Association of Oral and Maxillofacial Surgeons
Annual Dental Implant Conference
Chicago, IL, November 30, 2007
Hands on course on immediate implant restorations
“The surgeons perspective on immediate loading of single and small segment implant restorations”

University of California San Francisco
Department of Oral and Maxillofacial Surgery
Kona, HA, January 18, 2008
“Avoiding complications in the esthetic zone”

BioHorizons Laser Lok Evenings
Houston, TX, February 21, 2008
“Surgical and prosthetic aspects of implants with laser microchanel”

BioHorizons Laser Lok Evenings
Dallas, TX, February 22, 2008
“Surgical and prosthetic aspects of implants with laser microchanel”

BioHorizons Implant Symposium
San Diego, CA, May 2, 2008
“Varying implant loading protocols in grafted bone”

Toronto Osseointegration Conference Revisited
Toronto, CA, May 8, 2008
“Is autogenous bone still the gold standard for bone grafting”

Astra Tech World Conference
Washington D.C., June 6, 2008
“Avoiding complications with bone augmentation”

Taiwan Academy of Osseointegration
Taipei, Taiwan, June 9, 2008
“Advanced concepts in bone reconstruction for dental implants”

BioHorizons Laser Lok Evenings
Detroit, MI, June 17, 2008
“Surgical and prosthetic aspects of implants with laser microchannels”

West Coast Dental Society
Naples, FL, June 26 - 27, 2008
“Immediate loading of dental implants”

Biomet 3i International Program
New York, NY, August 7, 2008
“Advanced concepts in bone reconstruction for dental implants”

Miami Masters Implant Program
Miami, FL, August 23 – 24, 2008
“Advanced concepts in bone reconstruction for dental implants”

University of Southern California School of Dentistry
34th Annual International Periodontal & Implant Symposium
Los Angeles, January 23 – 24, 2009
“Complications with autogenous bone grafting”

University of Southern California School of Dentistry
Hands On Cadaver Workshop
Los Angeles, January 25, 2009
“Cortical block bone grafting and rhBMP-2”

Academy of Osseointegration Annual Meeting
San Diego, CA, February 26 – 28, 2009
“The use of titanium mesh with bone grafts and rhBMP-2”
“The use of rhBMP-2 for bone augmentation”

Biomet 3i Regeneration Summit
West Palm, FL, March 19 – 20, 2009
“The current use of autogenous bone grafts”

Biomet 3i Evening Program
Stuart, FL, April 2, 2009
"Immediate implant loading in the esthetic zone"

Meffert Implant Institute
Bodrum, Turkey, June 12 – 13, 2009
"Advanced concepts in bone reconstruction for dental implants"

Miami Masters Implant Program
Miami, FL, August 28 - 29, 2009
"Advanced concepts in bone reconstruction for dental implants"

Midwest Society of Periodontists Annual Meeting
Chicago, IL, February 29, 2010
"Is autogenous bone still the gold standard for grafting?"

Academy of Osseointegration Annual Meeting
Orlando, FL, March 3 – 5, 2010
Corporate Forum, Medtronic – "The use of rhBMP-2 for bone defect repair"
Limited Attendance – "The secret of successful bone augmentation"
Main Podium – "Autogenous block bone grafts"

International Congress Oral Implantology Spring Meeting
New Orleans, LA, April 22, 2010
"Is autogenous bone still the gold standard?"

American College of Oral Maxillofacial Surgeons
San Antonio, TX, April 25, 2010
"Implant loading protocols in grafted bone"

New York University
New York, NY, May 4, 2010
"The use of autogenous bone in implant dentistry. Part I"

Seacoast Implant Study Club
Portsmouth, NH, May 7, 2010
"Contemporary implant dentistry"

BioHorizons Laser Lok Evening
Kansas City, MO, May 13, 2010
"Clinical applications of Laser-Lok implants"

New York University
New York, NY, May 17, 2010
"The use of autogenous bone in implant dentistry. Part II"

Quintessence Meeting
Boston, MA, June 6, 2010
"Enhancing outcomes with bone augmentation procedures"

Miami Masters Implant Program
Miami, FL, July 16, 2010
“Advanced concepts in bone reconstruction for dental implants”

BioHorizons University Faculty Forum
Dallas, TX, August 21, 2010
“The use of growth factors for bone augmentation”

BioHorizons Australian Implant Congress
Sydney, September 3 – 5, 2010
“The use of Laser-Lok implants in the esthetic zone”

Medtronic Infuse lecture
Columbus, OH, September 23, 2010
“The use of rhBMP-2 for sinus grafting and alveolar repair”

Implant Seminars
Bone Morphogenetic Proteins
Washington D.C., October 16, 2010
“The use of rhBMP-2 for implant site development”

Misch Implant Institute
Advanced Bone Grafting
Orlando, FL, November 21, 2010
“Autogenous bone grafting: Is it still the gold standard?”

American Association Oral Maxillofacial Surgeons
Dental Implant Conference
Chicago, IL, December 2, 2010
“The use of mesh and membranes for bone augmentation”

University of Alabama Alumni Weekend
Birmingham, AL, January 27, 2011
“Implant replacement in the esthetic zone”

Academy of Osseointegration
Annual Meeting
Washington, D.C., March 3 – 5, 2011
Astra Tech Corporate Forum - “The maintenance of bone in graft sites”
Limited Attendance – “Bone grafting techniques for implant placement”

Osteogenics Bone Symposium
Scottsdale, AZ, April 2, 2011
The use of autogenous bone grafts for implant site development”

2nd BMP Symposium
Philadelphia, PA, April 15, 2011
“The use of rhBMP-2 for extraction sockets and ridge augmentation”

BioHorizons Implant Symposium
Phoenix, AZ, April 29, 2011
“Engineering the biologic width to enhance esthetic outcomes”

Evolution Series on Implant Dentistry
Miami, FL, September 8, 2011
“Engineering the biologic width to enhance esthetic outcomes”

American Association of Dental Implantology
Miami, FL, September 9, 2011
“Treatment planning the edentulous maxilla”

BioHorizons Asian Implant Symposium
Macau, China, September 23 – 24, 2011
“The osseous-soft tissue interface around dental implants”
“Optimizing outcomes in the esthetic zone with dental implants”

Evolution Series on Implant Dentistry
Baltimore, MD, October 5, 2011
“Engineering the biologic width to enhance esthetic outcomes”

American Academy of Implant Dentistry
Las Vegas, NV, October 22, 2011
“Autogenous block bone grafts”

Evolution Series on Implant Dentistry
Kansas City, MO, November 4, 2011
“Engineering the biologic width to enhance esthetic outcomes”

Misch Implant Institute
Advanced Bone Grafting Course
Orlando, FL, November 19, 2011
“Autogenous bone graft, bone substitutes and growth factors”

American Association Oral Maxillofacial Surgeons
Dental Implant Conference
Chicago, IL, December 1, 2011
“The use of mesh and membranes for bone augmentation”

Evolution Series on Implant Dentistry
Atlanta, GA, December 8, 2011
“Engineering the biologic width to enhance esthetic outcomes”

Evolution Series on Implant Dentistry
Toronto, CA, February 2, 2012
“Engineering the biologic width to enhance esthetic outcomes”

Academy of Osseointegration
Annual Meeting
Phoenix, AZ, March 1 – 3, 2012
BioHorizons Corporate Forum - “Engineering the biologic width to enhance esthetic outcomes”
Limited Attendance – “The use of rhBMP-2 for bone augmentation”

Northeast Society of Periodontists
New York, NY, April 19, 2012
“The use of mandibular ramus bone grafts for implant site development”

American Academy of Implant Dentistry
UMDNJ Maxicourse
Newark, NJ, April 20, 2012
“A review of bone grafting for implant dentistry”

Evolution Series on Implant Dentistry
Nashville, TN, April 26, 2012
“Engineering the biologic width to enhance esthetic outcomes”

Astra Tech World Conference
Gothenberg, Sweden, May 11, 2012
“The maintenance of grafted bone following implant loading”

Quintessence Second Bone Symposium
San Francisco, CA, May 18, 2012
“Autogenous bone grafting to tissue engineering”

Florida Prosthodontic Association
Clearwater, FL, August 18-19, 2012
“Emerging trends in bone augmentation for dental implants”

American Association Oral Maxillofacial Surgeons
Dental Implant Conference
Chicago, IL, November 28-29, 2012
Preconference - “The use of mesh and membranes for bone augmentation”
Main podium – “Surgical approaches to managing severe atrophy in the esthetic zone”

Meisinger Implant Symposium
Vail, CO, February 2, 2013
“Bone augmentation options for dental implants”

Dental XP Symposium
Las Vegas, NV, February 9, 2013
“Autogenous bone vs. BMP for bone augmentation”

Academy of Osseointegration Annual Meeting
Tampa, FL, March 9, 2013
“Management of severe extraction site defects”

BioHorizons Implant Symposium
Miami, FL, April 26, 2013
“Implant options for intact extraction sockets”

International Congress Oral Implantology Spring Meeting
Las Vegas, NV, May 18, 2013
“Maxillary bone augmentation for varying prosthetic options”

Quintessence Meeting
Boston, MA, June 7, 2013
“Implant survival in grafted bone”

LECOM Dental School
Bradenton, FL, September 9, 2013
“The role of a dental specialist in patient care”

BioHorizons Continuing Education Program
Baton Rouge, LA, September 20, 2013
“Enhancing soft and hard tissue outcomes with laser microchannels”

American Academy of Periodontology Annual Meeting
Philadelphia, PA, September 28, 2013
“Regeneration symposium”

American Association of Oral and Maxillofacial Surgeons Annual Meeting
Orlando, FL, October 10, 2013
“The management of dental implant complications”

The American Dental Association Annual meeting
New Orleans, LA, October 31, 2013
“The myths and realities of dental implants”

The VCU Elmer Bear Memorial Lecture
Richmond, VA, November 4, 2013
“The management of dental implant complications”

Misch Implant Institute
Advanced Bone Grafting Course
Orlando, FL, November 8 - 10, 2013

American Association Oral Maxillofacial Surgeons
Dental Implant Conference
Chicago, IL, December 4, 2013
Preconference - “The use of mesh and membranes for bone augmentation”

Collier County Dental Association
Naples, FL, January 16, 2014
“Immediate implant placement in the esthetic zone”

Puerto Rico Dental Association Annual Meeting
San Juan, Puerto Rico, February 6, 2014
“Dental implant therapy: Clinical update”

Academy of Osseointegration Annual Meeting
Seattle, WA, March 7, 2014
“Vertical bone augmentation for implant placement”

FACES 2014
Park City, UT, March 20, 2014
“Immediate implant placement in the esthetic zone”

Dental XP Symposium
Ft. Lauderdale, FL, May 20, 2014
“Bone augmentation techniques; What works?”

Academy of Osseointegration Summit of the Edentulous Maxilla
Oakbrook, IL, August 6 - 9, 2014
“Clinical practice guidelines for bone augmentation of the edentulous maxilla”

International Congress Oral Implantology Summer Meeting
Chicago, IL, August 23, 2014
“Vertical bone augmentation of failed implant sites”

Summit Study Club
Milwaukee, WI, September 5, 2014
“Options for management of the esthetic zone for implant replacement”

NeoBiotech Symposium
Las Vegas, NV, September 7, 2014
“The use of autogenous bone grafts for implant augmentation”

International Congress Oral Implantology World Meeting
Tokyo, Japan, October 3, 2014
“To graft or not to graft”

Pikos Bone Symposium
Orlando, FL, October 8, 2014
“The use of autogenous bone grafts for implant augmentation”

Misch Implant Institute
Advanced Bone Grafting Course
Las Vegas, NV, November 7 - 9, 2014

Pinellas County Dental Association
St. Petersburg, FL, November 19, 2014
“To graft or not to graft”

BioHorizons Latin America Symposium
Medellin, Columbia, November 21-22, 2014
“Optimizing outcomes in the esthetic zone with dental implants”
“Methods of bone augmentation for implant placement”

American Association Oral Maxillofacial Surgeons
Dental Implant Conference
Chicago, IL, December 3, 2014
Preconference - “The changing landscape of bone grafting”

International Congress Oral Implantology/Columbia University Symposium
New York, NY, December 11, 2014
“Current perspectives on bone augmentation”

Dentsply National Sales Meeting
Tampa, FL, January 20, 2015
“Clinical use of the Astra EV system”

32nd Annual International Dental Conference
Telluride, CO, February 20, 2015
“Clinical trends in bone augmentation”

American Academy of Restorative Dentistry
Chicago, IL, February 23, 2015
“To graft or not to graft”

BioHorizons Latin America
San Jose, Costa Rica, March 5, 2015
“Optimizing outcomes in the esthetic zone with dental implants”
“Methods of bone augmentation for implant placement”

Academy of Osseointegration Annual Meeting
San Francisco, CA, March 11 – 14, 2015
Dentsply Corporate Forum - “Clinical trends in bone augmentation”
Main Podium - “Interdisciplinary treatment planning – two adjacent missing teeth in the esthetic zone”

Dentsply Continuing Education
Minneapolis, MN, April 10, 2015
“Clinical use of the Astra Tech system with bone augmentation”

Edward C. Hinds Symposium
Houston, TX, April 24-25, 2015
“Implants: Simple strategies for your complex cases”

Penn Esthetic Symposium
Philadelphia, PA, June 14 – 16, 2015
“The use of GBR and block bone graft techniques in the esthetic zone”

Dentsply Continuing Education

Houston, TX, July 10, 2015

“Clinical use of the Astra Tech system with bone augmentation”