

CURRICULUM VITAE

FRED LEO BYE, D.D.S., M.S.

PERSONAL

Name in Full: Fred Leo Bye

Children's Names: Kyle N. Bye, Natalie Lynn Bye, Mark Thomas Bye

EDUCATION

Diploma, Msgr. John A. Gabriel's, Lansing, Michigan.

B.S. (Zoology), Michigan State University, East Lansing, Michigan.

D.D.S. The University of Michigan, Ann Arbor, Michigan.

M.S. (Periodontics), The University of Michigan, Ann Arbor, Michigan.

TEACHING APPOINTMENTS

Assistant Professor, Department of Periodontics,
The University of Michigan.

Assistant Professor, Department of Restorative Dentistry,
The University of Michigan.

Assistant Professor, Department of Periodontics/Prevention and Geriatrics, The
University of Michigan.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Dental Association
Maryland State Dental Association
Washington County Dental Society
Cumberland Valley Dental Society
The American Academy of Periodontology
Omicron Kappa Upsilon
Russell W. Bunting Periodontal Study Club
Gerald Bowers Periodontal Study Club
Maryland Society of Periodontists
International Congress of Oral Implantologists
American Academy of Implant Dentistry

AWARDS, FELLOWSHIPS, AND HONORS

High School Valedictorian, National Honor Society Member.

Member, Honors College, Michigan State University.

United States Air Force Health Professions Scholarship Program.

Member, Omicron Kappa Upsilon-Chi Chapter.

Recipient of Annual Student Award of the American Academy of Periodontology.

President of the Washington County Dental Society.

Fellow of the International Congress of Oral Implantologists.

Top Dentists for Periodontics

Recognized for 25 years of membership with The American Board of
Periodontology

Top 3 Dentist

PROFESSIONAL EXPERIENCE

Chief of Periodontics – USAF Regional Hospital, Shaw Air Force Base,
South Carolina.

Assistant Professor of Dentistry, Department of Restorative
Dentistry/Periodontics, The University of Michigan, Ann Arbor,
Michigan.

Part-time private practice – Specialty of Periodontics, Jackson, Michigan.

Part-time private practice – Specialty of Periodontics, Canton, Michigan.

Full-time private practice – Specialty of Periodontics,
Hagerstown, Maryland.

LICENSURE AND BOARD CERTIFICATION

National Boards Part I

National Boards Part II

Northeast Regional Boards

Diplomat, American Board of Periodontology.

State of Michigan Dental License #011534.

State of Michigan Specialty Certificate of Licensure.
Maryland State Dental License #11128/ Specialist in Periodontics.
Pennsylvania State Dental License #05029607L.

SCIENTIFIC ACTIVITIES

Department of Periodontics. The University of Michigan School of Dentistry, Ann Arbor, Michigan. Thesis: The Keratinizing Potential of the Sulcular Epithelium in Monkeys.

International Association for Dental Research, Oral Presentation: Histologic Evaluation of Periodontal Implants in a Biologically “Closed” Model. Las Vegas, Nevada. March 21-24.

American Association for Dental Research, Poster Presentation: The Effect of Sharpening Stones Upon Curette Surface Roughness. Washington, D.C. March 12-15.

American Association for Dental Research, Poster Presentation: Effectiveness of Scaling and Root Planing: Single vs. Multiple Instrumentations. Chicago, Illinois. March 11-15.

International Association for Dental Research, Oral Presentation: Four Different Pain Rating Scales Used to Evaluate Dentin Hypersensitivity. Montreal, Quebec. March 9-13.

MILITARY SERVICE

US Air Force – Major, Chief of Periodontics, USAF Regional Hospital, Shaw Air Force Base, South Carolina.

UNIVERSITY OF MICHIGAN (1984-1992)

Committee Membership

School

Table Clinics Committee
Advisory Committee to the Director of Clinics
Uniform Committee
Educational Affairs Committee
Emergency and Resuscitation Committee
Scholarship and Promotion Review Board

Departmental

Graduate Thesis Committees
Periodontal Search Committee
Endodontic Search Committee
Curriculum Committee for Restorative Dentistry

Other

Periodontology Examination Committee, State of Michigan,
Department of Licensing and Regulation.

Implant Training

Core-Vent System. One-day surgical training course.
Detroit, Michigan.

Synthes ITI Hollow Cylinder System. Two-day surgical training
course. Huston, Texas.

The Branemark Clinic. Three-Day Course for Surgical
Certification in Implant Osseointegration. Goteborg, Sweden.

AAP sponsored one-day workshop on Implantology in the
Postdoctoral Curriculum, Cleveland, Ohio.

Dental Implant Team, The University of Michigan School of
Dentistry. Ann Arbor, Michigan.

Louisiana State University Site Visit on the Interrelationships
Between Periodontics and Implant Dentistry.
New Orleans, Louisiana.

Southwest Branemark Institute Site Visit. Tucson, Arizona.

IMZ System. Two-day surgical training course. Irvine, California.

Core-Vent System. Two-day surgical/prosthetic symposium.
Chicago, Illinois.

Core-Vent System. Two-day surgical/prosthetic training course.
Detroit, Michigan.

Lectures and Courses

Undergraduate:

D-1 Periodontal Lectures #547

D-2 Periodontal Lectures #646
D-3 Periodontal Lectures #744 & #746
D-4 Periodontal Lectures #846
Dental Hygiene Lectures

Graduate:

Periodontal Seminar #783
Periodontal Seminar #784
Periodontal Therapy # 786
Current Literature Review # 793
Implants in Periodontics #794

Initiated Course in:

Current Literature Review (Graduate Periodontics)
Implants in Periodontics (Graduate Periodontics)

Directorships:

D-1 Prophylaxis #547
D-2 Periodontics #646
Periodontics Service Clinic
Periodontics Surgery Clinic
D-4 Periodontics Clinic
Periodontics Implant Clinic
Current Literature Review # 793
D-3 Periodontics #746
Periodontal Therapy #786
Implants in Periodontics #794

Continuing Education Course Instruction

Day a Week Periodontics - Non-surgical Procedures – One Seminar. R.G. Caffesse, F.G. Burgett, G.J. Kerry, B.A. Smith, M.E. Krause, and F.L. Bye.

Twenty-hour, five-day Chesapeake Bay clinic/seminar course – “Periodontal Therapy – Nonsurgical and Surgical Approach.” R.G. Caffesse and F.L. Bye.

Current Approach to Non-Surgical Management of the Periodontal Patient. R.G. Caffesse, F.G. Burgett, B.A. Smith, and F.L. Bye.

Michigan Society of Periodontists. The Branemark System of Osseointegrated Dental Implants.

Kalamazoo District Dental Society. Evaluation of the Soft Tissue Response to Periodontal Therapy.

Owens Technical College, Toledo, Ohio. One-day course. Update on Periodontal Disease – Current Diagnosis, Treatment, and Maintenance Concepts.

Detroit periodontal Study Club – Surgical and Restorative Considerations for the Dental Implant Patient.

Jackson District Dental Society – Dental Implants for the Partially Edentulous Patient.

Non-Surgical Management of the Periodontal Patient. R.G. Smith, R.C. Wunderlich, and F. L. Bye.

Periodontal Techniques. R.G. Caffesse, B.A. Smith, R.C. Wunderlich, and F.L. Bye.

Periodontal Techniques. R.G. Caffesse, B.A. Smith, R.C. Wunderlich, and F.L. Bye.

Periodontal Therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

Washtenaw District Dental Auxiliaries Association – What's New in the Diagnosis and Treatment of Periodontal Disease.

Veterans Administration Dental Service. Lexington, Kentucky – Osseointegrated Dental Implant Systems.

Non-Surgical Management of the Periodontal Patient. R.G. Caffesse, F.G. Burgett, B.A. Smith, and F.L. Bye.

Periodontal Techniques – A Laboratory Course. R.G. Caffesse, B.A. Smith, F.N. Smith, and F.L. Bye.

Guided Tissue Regeneration – Symposium and Workshop.

Tissue Integration Prosthesis . Branemark Surgical /Prosthetic three day basic implant course.

Periodontal Therapy for the Dental Hygienists. S.J. Pritzel and F.L. Bye.

Periodontal Therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

Jackson Dental Hygienist Association. Current Chemotherapeutic Concepts.
Periodontal Surgical Techniques. B.A. Smith, G.J. Kerry and F.L. Bye.

Clinical Update in Operative Dentistry. Periodontal Considerations in Restorative Dentistry. J.B. Dennison, R. Heys, and F.L. Bye.

Non-Surgical Management of the Periodontal Patient. F.G. Burgett, F.L. Bye and Tore Kristoffersen.

Canton/Plymouth Periodontal Study Club. Current Chemotherapeutic Concepts.

Jackson State Prison Dental Staff. Current Concepts in the Diagnosis and Treatment of Periodontal Disease.

Canton/Plymouth Periodontal Study Club. Instrument Designs, Applications and Sharpening Techniques.

Battle Creek District Dental Society. Successful Maintenance of the Dental Implant Patient.

Periodontal Surgical Techniques - A Laboratory Course. F.G. Burgett, F.L. Bye, and Tore Kristoffersen.

P.R.I. Dental Study Club. Avoiding and Solving Implant Complications.

Periodontal Therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

P.R.I. Dental Study Club. Guided Tissue Regeneration.

Detriot Periodontal Study Club. Successful Maintenance of the Dental Implant Patient.

Electrosurgery and Other Tissue Management Aids in Restorative Dentistry. W.A. Kelley, H. Brandau , and F.L. Bye.

Current Approaches to Non-Surgical Management of the Periodontal Patient. F.G. Burgett and F.L. Bye.

Periodontal therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

Current Approaches to Non-Surgical Management of the Periodontal Patient. F.G. Burgett and F.L. Bye.

Periodontal Therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

Current Approaches to Non-Surgical Management of the Periodontal Patient. F.G. Burgett and F.L. Bye.

Periodontal Surgical Techniques. F.G. Burgett and F.L. Bye.

Periodontal therapy for the Dental Hygienist. S.J. Pritzel and F.L. Bye.

PRIVATE PRACTICE (Hagerstown, MD)

Continuing Education Course Instruction

1992

Antietam Periodontics Study Club Topics:

- Etiology of Periodontal Disease
- Assessment and Diagnosis
- Treatment Planning Sequence
- Oral Hygiene and Patient Motivation

Cumberland Valley Dental Society:

- Guided Tissue Regeneration

Washington County Dental Society:

- Periodontal Screening and Recording

1993

Antietam Periodontics Study Club Topics:

- Nonsurgical Periodontal Therapy
- Chemotherapeutic Adjunctive Therapy
- Hygienic Phase / Scaling and Root Planing
- Principles of Periodontal Surgery

Cumberland Valley Dental Hygienist Study Club:

- Periodontal Screening and Recording

1994

Antietam Periodontics Study Club Topics:

- Bone Grafting and Guided Tissue Regeneration
- Preprosthetic Periodontal Surgery
- Plastic / Esthetic Periodontal Surgery
- Periodontal Recare Guidelines and Procedures

Allegany Dental Society:

- Periodontal Screening and Recording

1995

Antietam Periodontics Study Club Topics:

- Oral Cancer Diagnosis
- Implant Dentistry Overview

- Implant Therapy in the Esthetic Zone
 - Implant Overdentures
 - Implant Maintenance Guidelines
- 1998 Middle Atlantic Society of Orthodontists Annual Meeting, Bermuda:
- Clinical Interrelationship between Orthodontics and Periodontics
- 2000 Cumberland Valley Dental Society
- Periodontal Plastic Surgery
- 2003 Washington County Dental Society
- Periodontal Plastic Surgery
- 2006 Frederick County Dental Society Meeting
- Periodontics: State of the Art
- 2007 Washington County Dental Society Nemaocolin Weekend Retreat
- Periodontics: State of the Art
- Cumberland Valley Dental Society
- Periodontics: State of the Art
- 2008 Washington County Dental Society
- Periodontics: State of the Art
 - Implant Prosthetics for the Edentulous Patient
- Gettysburg/Hanover Dental Society
- Implant Prosthetics for the Edentulous Patient
- Frederick County Dental Society
- Implant Prosthetics for the Edentulous Patient
- Lunch and Learn at Cornerstone Family Dentistry- Waynesboro, PA
- Implant Prosthetics for the Edentulous Patient
- 2009 Cumberland Valley Dental Society
- Implant Prosthetics for the Edentulous Patient
- Dental Implant Seminars (Monthly for general public)
- Dental Hygiene Seminars (for Dental Hygienists)
- Kenai/Kodiak Dental Society (Alaska)
- Dental Implant Prosthetics in the Esthetic Zone

- 2010 Kenai/Kodiak Dental Society (Alaska)
- The Esthetic Zone: Perio-Restorative Interrelationships
- 2012 The Bye Center Study Club (October)
- Current Concepts in Reconstructive Esthetic Implantology & the Esthetic Zone: Perio-Implant Update

Continuing Education Course Attendance

The State of Maryland requires no less than thirty credit hours of dental continuing education every two years for dental license renewal.

1992

Professional Liability Risk Management Seminar.
Ocean City, Maryland. September. 4 Credit Hours.

78th Annual American Academy of Periodontology Meeting.
Orlando, Florida. November 18-21. 18 Credit Hours.

1993

Linda Miles, Dynamic Practice Management Seminar.
Ocean City, Maryland. September. 7 Credit Hours.

International Three Day Implant Symposium.
Washington, D.C. September. 20 Credit Hours.

1994

Professional Malpractice Risk Management including AIDS: The Legal & Ethical Issues. West Virginia. February. 4 Credit Hours.

The 1993-1994 Medical-Legal Update.
Aspen, Colorado. March. 20 Credit Hours.

American Academy of Periodontology Young Periodontists Conference.
Washington, D.C. April 15-17. 16 Credit Hours.

80th Annual American Academy of Periodontology Meeting.
San Francisco, California. September 21-24. 20 Credit Hours.

1995

The 1995-1996 Medical-Legal Update.
Aspen, Colorado. January. 20 Credit Hours.

1995 Ramfjord Symposium. The University of Michigan School of Dentistry.
Ann Arbor, Michigan. May. 8 Credit Hours.

81st Annual American Academy of Periodontology Meeting.
New York, New York. September 19-23. 20 Credit Hours.

Dr. Ward, Musculoskeletal Adjustments for Dentists. Washington County Dental Society. Hagerstown, Maryland. October. 1 Credit Hour.

1996

The 1995-1996 Medical-Legal Update.
Vail, Colorado. March. 20 Credit Hours.

Professional Liability Risk Management Seminar.
Frederick, Maryland. March. 4 Credit Hours.

82nd Annual American Academy of Periodontology Meeting.
New Orleans, Louisiana. October. 18 Credit Hours.

Gordon Christenson, DDS, MS Phd. Washington County Dental Society.
Hagerstown, Maryland. November. 8 Credit Hours.

1997

Cardiopulmonary Resuscitation Course. Washington County Dental Society.
Hagerstown, Maryland. February. 2 Credit Hours.

Drs. Somerman and Wang, Decision Making in Periodontal Therapy. Biannual Ramfjord Symposium. The University of Michigan School of Dentistry.
Ann Arbor, Michigan. May. 7 Credit Hours.

Jim Ellison, C.D.T., Advanced Restorative Implant Options. Washington County Dental Society. Hagerstown, Maryland. October. 2 Credit Hours.

Dentistry in the 21st Century. Washington County Dental Society.
Annapolis, Maryland. November 8-9. 12 Credit Hours.

Dr. Harold Crossley, Pharmacology for the Dentist. Washington County Dental Society. Hagerstown, Maryland. November. 1 Credit Hour.

Dr. Gerald Bowers, Regenerative Therapy: Present and Future. Lifenet Technologies. Williamsburg, Virginia. December 6-7. 7 Credit Hours.

1998

Oral Medicine/Pathology. Washington County Dental Society. Hagerstown, Maryland. March. 1 Credit Hour.

85th Annual American Academy of Periodontology Meeting.
Boston, Massachusetts. September. 18 Credit Hours.

High Tech Dentistry. Washington County Dental Society.
November. 1 Credit Hour.

1999

Dr. Crossley, Pharmacology for the Dentist. Washington County Dental Society.
Hagerstown, Maryland. May. 1 Credit Hour.

Dr. Tarchman, Periodontics and Biological Sciences. University of Michigan
School of Dentistry. Ann Arbor, Michigan. October. 6 Credit Hours.

Dental Continuing Education Retreat. Washington County Dental Society.
Nemacolin Woodlands Resort, Pennsylvania. November 5-7. 8 Credit Hours.

2000

Infection Control Update. Professional Risk Management Seminar.
August. 2 Credit Hours.

Dr. Charles Wold, Bioesthetic Dentistry. Washington County Dental Society.
Hagerstown, Maryland. November. 7 Credit Hours.

Dr. Dennis Tarnow, Controversies and Innovations in Implant Dentistry.
Washington D.C. November. 7 Credit Hours.

2001

Medical-Dental Legal Update.
Vail, Colorado. January 15-19. 20 Credit Hours.

Dr. John Nitzell, Implant Placement and Restoration. Washington County Dental
Society. March. 1 Credit Hour.

Dr. Steve Meraw, Current Clinical Issues in Periodontal Esthetics.
May. 6 Credit Hours.

Infection Control Update. Professional Risk Management Seminar.
August. 2 Credit Hours.

87th Annual American Academy of Periodontology Meeting.
Philadelphia, Pennsylvania. September. 22 Credit Hours.

Dr. Barry Graham, Splint Mechanics. Washington County Dental Society.
Hagerstown, Maryland. October. 1 Credit Hour.

2002

Dr. Michael Pikos, Advanced Bone Grafting. MAP Implant Institute.

Palm Harbor, Florida. January 17-19. 20 Credit Hours.

Dr. John Davliakos, Implants: A Paradigm Shift in Treatment Planning.
Centerpulse Peer Practicum in Implant Dentistry. February. 7 Credit Hours.

Dr. Mark Cherewka, New Materials and Techniques in Prosthetic Dentistry.
Cumberland Valley Dental Society. April. 1 Credit Hour.

Dr. Vincent Kokich, Multidisciplinary Treatment.
Washington, D.C. April. 7 Credit Hours.

Dr. John Russo, Integrating Implant Surgery and Prosthetics. Centerpulse Peer
Practicum in Implant Dentistry. Hagerstown, Maryland. May. 7 Credit Hours.

William Grill, Hands On Prosthetic Implant Workshop. Centerpulse Peer
Practicum in Implant Dentistry. Hagerstown, Maryland. May. 7 Credit Hours.

Forensic Dentistry: The Dentistry You Do Everyday. Washington County
Dental Society. Hagerstown, Maryland. October. 1 Credit Hour.

2003

Centerpulse, Hands-On Workshop: Advanced Implant Placement and Bone
Grafting. San Francisco, California. February 6. 8 Credit Hours.

International Congress of Oral Implantology Winter Symposium, Surgical and
Prosthetic Synergy: The Next Wave.
San Francisco, California. February 6-9. 21 Credit Hours.

Dr. Ed McGlumphy, Current Technologies in Implant Dentistry. Centerpulse
Dental Continuum in Implant Dentistry.
Hagerstown, Maryland. February. 7 Credit Hours.

Dr. Burton Melton, Comprehensive Implant Treatment Planning Workshop.
Centerpulse Dental Continuum in Implant Dentistry.
Hagerstown, Maryland. April. 7 Credit Hours.

Chris Wisnom, R.N., Infection Control. Professionals Advocate Insurance
Company. Hagerstown, Maryland. May. 2 Credit Hours.

Dr. Stephen Jaworski, Smoking Cessation Strategies for the Dental Patient.
Pennsylvania Dental Society. Waynesboro, Pennsylvania. June. 2 Credit Hours.

Dr. James Rivers, Advanced Treatment Planning with Case Presentations.
Centerpulse Dental Continuum in Implant Dentistry.
Hagerstown, Maryland. June. 7 Credit Hours.

Dr. Scott Ganz, Anterior Esthetic Zone Implants. Centerpulse Dental Continuum in Implant Dentistry. Hagerstown, Maryland. September. 7 Credit Hours.

Dr. Paul Petrangaro, Smart Steps Implant Techniques. Harrisburg, Pennsylvania. October. 6 Credit Hours.

Dr. Karl Zeren, Localized Antimicrobial Update and Periodontal Treatment in the Esthetic Zone. Washington County Dental Society. Hagerstown, Maryland. November. 1 Credit Hour.

Dr. Pat Allen, 20/20 Oral Plastic Surgery, Course 1. Center for Advanced Dental Education. Dallas, Texas, December 5-6. 16 Credit Hours.

2004

Dr. Pat Allen, 20/20 Oral Plastic Surgery, Course 2. Center for Advanced Dental Education. Dallas, Texas. January 16-17. 16 Credit Hours.

Dr. Carl Misch, Diagnosis and Treatment Planning the Implant Patient. Misch International Implant Institute. January 30-February 1. 25 Credit Hours.

Cathy Betker, Heartsaver CPR. Washington County Dental Society. February. 2 Credit Hours.

Dr. Carl Misch, Root Form Implants. Misch International Implant Institute. Beverly Hills, Michigan. March 12-14. 25 Credit Hours.

Simplant: Interactive CT Diagnostics and Virtual Implant Surgery. Materialise. Hagerstown, Maryland. March. 2 Credit Hours.

Dr. James Burns, Oral Cancer Review. Washinton County Hospital Association. April. 6 Credit Hours.

Dr. John Davliakos, Implant Treatment Planning. Zimmer Dental. Hagerstown, Maryland. May. 2 Credit Hours.

Dr. Carl Misch, Small Dimension Implants/Membrane Grafts. Misch International Implant Institute. Beverly Hills, Michigan. May 21-23. 25 Credit Hours.

Dr. John Davliakos, Implant Treatment Planning. Zimmer Dental. Hagerstown, Maryland. June. 2 Credit Hours.

Platelet Rich Plasma: Collection, Preparation and Separation. Hands-On Training. Hagerstown, Maryland. Spring.

Hagerstown Community College Phlebotomy Training.
Hagerstown, Maryland. Spring Semester. 2 Credit Hours.

Dr. Ronald Holderman, Indications for Antimicrobial Prophylaxis in Dental Practice & Infection Control. Professionals Advocate Insurance Company. Frederick, Maryland. August. 2 Credit Hours.

Dr. Carl Misch, Division C Bone/Immediate Loading. Misch International Implant Institute. Beverly Hills, Michigan. August 6-8. 25 Credit Hours.

Dr. Carl Misch, Fixed Dental Implant Prosthetics. Misch International Implant Institute. Beverly Hills, Michigan. September 10-12. 25 Credit Hours.

Dr. Carl Misch, Anterior and Posterior Implant Tooth Replacement. Misch International Implant Institute. Beverly Hills, Michigan. September. 7 Credit Hours.

Dr. Carl Misch, Sinus Grafting. Misch International Implant Institute. Beverly Hills, Michigan. October 22-24. 25 Credit Hours.

Advanced Cardiovascular Life Support Program. Misch International Implant Institute. Beverly Hills, Michigan. November 11.

Dr. Carl Misch, Advanced Bone Grafting. Misch International Implant Institute. Beverly Hills, Michigan. November 12-14. 25 Credit Hours.

Dr. Crossley, The Top 20 Most Prescribed Drugs in 2004. November. 1 Credit Hour.

Dr. Carl Misch, Removable Dental Implant Prosthetics. Misch International Implant Institute. Beverly Hills, Michigan. December 3-5. 25 Credit Hours.

2005

Dr. Joseph Leonetti, Puros Block Grafting Certification. Zimmer Dental. New Orleans, Louisiana. January. 7 Credit Hours.

Terry Crimmins, Tidbits in the Endodontic World. Washington County Dental Society. Hagerstown, Maryland. March. 2 Credit Hours.

Dr. Edward Grace, Stress and the Dentist. Washington County Dental Society. Hagerstown, Maryland. April. 1 Credit Hour.

Dr. Dennis Tarnow, Controversies and Innovations in Implant Dentistry and Esthetics. Implant Innovations. York, Pennsylvania. April. 7 Credit Hours.

Dr. Daulton Keith, Integrating Implant Surgery with Prosthetics. The Center for Advanced Periodontics and Implantology Study Club.
Hagerstown, Maryland. May. 7 Credit Hours.

Michael Miller, The Cerac 3D System. Washington County Dental Society.
Hagerstown, Maryland. May. 2 Credit Hours.

Dr. Mark Adams, Advanced Treatment Planning of Dental Implants. The Center for Advanced Periodontics and Implantology Study Club.
Hagerstown, Maryland. June. 7 Credit Hours.

Dr. Michael Pikos, Advanced Bone Grafting. MAP Implant Institute.
Palm Harbor, Florida. September 15-17. 20 Credit Hours.

The 91st Annual Meeting of The American Academy of Periodontology. Denver, Colorado. September 24-27. 15.5 Credit Hours.

Drs. Thomas and William Wilcko, Accelerated Osteogenic Orthodontics.
Erie, Pennsylvania. October 28-29. 16 Credit Hours.

Dr. Frank Lamar, Simplifying Implant Prosthetics. The Center for Advanced Periodontics and Implantology Study Club.
Hagerstown, Maryland. November. 7 Credit Hours.

Dr. Carl Misch, Removable Dental Implant Prosthetics. Misch International Implant Institute. Tampa, Florida. December 9-11. 25 Credit Hours.

2006

Biohorizons Global Symposium 2006. Scottsdale, Arizona.
May 4-6. 16 Credit Hours.

Dr. Thomas Ford, Treatment Planning of the Edentulous Maxilla and Mandible. The Center for Advanced Periodontics and Implantology Study Club.
Hagerstown, Maryland. October 6. 7 Credit Hours.

Medical Emergencies in Dental Practice. Miami Valley Hospital. Dayton, Ohio.
November 30. 8 Credit Hours.

Oral and Nitrous Oxide Sedation. Miami Valley Hospital. Dayton, Ohio.
December 1-2. 16 Credit Hours.

2007

International Congress of Oral Implantologists (ICOI) Winter Symposium.
Orlando, Florida. January 25-27. 22 Credit Hours.

Patient Monitoring and Physiology. Miami Valley Hospital. Dayton, Ohio.

March 1.

Advanced Cardiac Life Support. Miami Valley Hospital. Dayton, Ohio.

March 2-3.

Steve Solenberger, Atlantis Custom Implant Components. Cumberland Valley Dental Society. March 13. 2 Credit Hours.

Dr. Edwin McGlumphy. Zimmer Dental Peer Practicum. Shephardstown, West Virginia. April 27. 7 Credit Hours.

Colonel Christopher Fielding, Forensic Cases of the Central Identification Lab in Hawaii. Cumberland Valley Dental Society. Hagerstown, Maryland. May 15. 2 Credit Hours.

Dr. Frank LaMar, Prosthodontic Training for the Dental Implant Surgeon. The LaMar Dental Implant Training Center. Rochester, New York. May 18-20. 20 Credit Hours.

2007 Simplant Academy World Conference. Washington D.C. June 1-2. 12 Credit Hours.

Intravenous Sedation. Miami Valley Hospital. Dayton, Ohio. June 4-9.

Dr. Edward P. Allen, Current Esthetic Root Coverage & Gingival Augmentation Techniques. Washington, D.C. June 6. 2 Credit Hours.

I-CAT Cone Beam 3D Dental Imaging System Training. The Center for Advanced Periodontics and Implantology. Hagerstown, Maryland. June 11-12. 8 Credit Hours.

Dr. Melissa Mulreany, Establishing a CDC Compliance Program for Infection Control in Dentistry. Hagerstown, Maryland. June 26. 2 Credit Hours.

Washington County Dental Society Nemaocolin Weekend Retreat. Nemaocolin Woodlands Resort. Farmington, Pennsylvania. September 14-16. 9 Credit Hours.

Dr. Hamid Shafie, Immediate Occlusal Loading: A Practical and Predictable Approach. Hagerstown, Maryland. October 3. 3 Credit Hours.

Practical Approaches to Optimizing Esthetic and Restorative Results Using Innovative Techniques. Ann Arbor, Michigan. October 12. 8 Credit Hours.

David Matthews, NTO-tss Plus- A Direct Technique. Dodd Dental Laboratories. New Castle, Delaware. 1 Credit Hour.

The 93rd Annual Meeting of The American Academy of Periodontology. Washington D.C. October 27-30. 8 Credit Hours.

Dr. Albert Mattia, Restorative Driven Dental Implant Treatment Planning Using CT Software Technology. Hagerstown, Maryland. December 6. 3 Credit Hours.

2008

Dr. Robert Frazer, Jr., Dentists & Teams Who Get Results – Unleashing the Power of Emotional Intelligence, The Six Essentials for Positioning Yourself as the Periodontist of Choice with Your Best Referring Dentists. NASP 2008 Meeting. Charleston, South Carolina. January 11-12.

Dr. Natalie Wong, Increased Success in Poor Quality Bone with Progressive Loading. Hagerstown, Maryland. February 21. 3 Credit Hours.

Douglas Walker, CPR and AED Program. Hagerstown, Maryland. April 9. 2 Credit Hours.

Dr. Robert Weiner, Simplified Techniques to Achieve Outstanding Esthetic Results with Dental Implants in the Anterior Maxilla. Hagerstown, Maryland. May 15. 3 Credit Hours.

Christine Wisnom, CDS, RN, BSN, How Safe is Your Practice? (Infection Control). Hagerstown, Maryland. June 9. 2 Credit Hours.

Dr. Melanie F. Newman, Current Trends in Dental Traumatology. Chambersburg, Pennsylvania. September 9. 2 Credit Hours.

Bone Management Training Course. Munich, Germany. September 26-30.

Advanced Cardiovascular Life Support Program. Northern Virginia Community College. Springfield, Virginia. September.

Dr. Daniel J. Daley, Bisphosphonates – What You and Your Patients Need to Know. Cumberland Valley Dental Society. Chambersburg, Pennsylvania. October 14. 2 Credit Hours.

Dr. Mark Setter, The Team Approach to Case Acceptance for Contemporary Dentistry. Hagerstown, Maryland. October 30. 4 Credit Hours.

Dr. Norm Tinnanoff, Pediatric Update for GP. Washington County Dental

Society. Hagerstown, Maryland. November 18. 1 Credit Hour.

2009

Dr. Sal DiMercurio, Cosmetic Facial Surgery. Washington County Dental Society. Hagerstown, Maryland. January 20. 1 Credit Hour.

Dr. Kevin Murphy, Periodontal Accelerated Orthodontics. Washington County Dental Society. Hagerstown, Maryland. March 17. 1 Credit Hour.

BioHorizons Global Symposium 2009. Chicago, Illinois. May 1-2. 14 Credit Hours.

Robert Gray and Darla Pilgrimk Your Practice During Tough Economic Times. Cumberland Valley Dental Society. Chambersburg, Pennsylvania. May 12. 2 Credit Hours.

Dr. Bradley L. Phillips, The Diagnosis and Treatment of Periodontal Disease: New Perspectives in the Era of Inflammation. Hagerstown, Maryland. August 19. 2 Credit Hours.

The 95th Annual Meeting of The American Academy of Periodontology. Boston, Massachusetts. September 12-14.

Dr. Scott D. Ganz, The Three A's in Achieving Prosthetic Success: Abutment Selection, Abutment Preparation and Abutment Connection. Washington, DC. November 7. 5 Credit Hours.

2010

Prevent Abuse and Neglect through Dental Awareness. Mid-Atlantic P.A.N.D.A Coalition. Hagerstown, Maryland. January 19. 2 Credit Hours.

Jay Geier, Patient Communications. Integrated Dental Group. New Orleans, Louisiana. January 8-9. 16 Credit Hours.

Dr. Hamid R. Shafie, Same-Day Immediately Loaded Screw Retained Implant Supported Overdenture. Washington, DC. May 1. 6 Credit Hours.

Dr. Lewis Cummings, Hard and Soft Tissue Regeneration for Optimal Esthetics. Washington, DC. May 6. 7 Credit Hours.

Dr. Karen McAndrew, Diagnostic Considerations for the Edentulous Patient Prior To Implant Prosthetic Reconstruction. Hagerstown, Maryland. May 21. 7 Credit Hours.

Christine Wisnom, CDA, RN, BSN, The End of a Decade: How Far Have We Come? Hagerstown, Maryland. June 2. 2 Credit Hours.

Jay Geier, New Patient Experience Training. Hagerstown, Maryland. 6 Credit Hours.

Dr. Kevin Murphy, Provisionalization of the Dental Implant CAD-CAM Design of Overdentures Implant Prosthesis. Hagerstown, Maryland. September 17. 6 Credit Hours.

Dr. Gordon S. Groisser, The Simple Things We Can Do Early to Avoid Big Problems Later in Orthodontics. Chambersburg, Pennsylvania. October 12. 2 Credit Hours.

Dr. David A. Mugford, Dr. Joseph C. Passaro, & Dr. James B. Wooddell, Immediate Provisional-Anterior. Crofton, Maryland. October 22-23. 11 Credit Hours.

Dr. David A. Mugford, Dr. Joseph C. Passaro, & Dr. James B. Wooddell, Immediate Provisional-Full Arch. Crofton, Maryland. November 19-20. 11 Credit Hours.

2011

Ken Runkle, Recession-Proof Your Practice. NASP 2011 Annual Invitational Meeting. Dallas, Texas. January 7-8. 6 Credit Hours.

Dr. Kenneth Film, Masaad Complete Denture Experiences/Dr. Rebecca Bye, Perio-Restorative Relationships in the Esthetic Zone. Hagerstown, Maryland. January 21. 6 Credit Hours.

AEI 2011 Medical-Dental-Legal Update. February 19-22. 3 Credit Hours.

Dr. Karen McAndrew, Diagnostic Considerations for the Edentulous Patient Prior to Implant Prosthetic Reconstruction. Hagerstown, Maryland. May 21. 7 Credit Hours.

Dr. Kevin Murphy, Provisionalization of Implants. Hagerstown, Maryland. September 16. 6 Credit Hours.

The 97th Annual Meeting of The American Academy of Periodontology. Miami Beach, Florida. November 12-14. 4 Credit Hours.

2012

NASP 2012 Annual Invitational Meeting. Miami, Florida. January 6-7. 6 Credit Hours.

Hybridge Level I Course. Rochester, New York. February 9-11. 20 Credit Hours.

Dr. Fred Bye, Dr. Rebecca Bye and Dr. Kevin Murphy, Provisionalization of Implants. Hagerstown, Maryland. February 24. 4 Credit Hours.

AEI 2012 Medical-Dental-Legal Update. Salt Lake City, Utah. March 10-14. 3 Credit Hours.

Dr. Brian Vence, Interdisciplinary Treatment to Simplify Restorative Treatment. Washington County Dental Society. Hagerstown, Maryland. April 27. 6 Credit Hours.

Hybridge Level II Course. Rochester, New York. May 3-5. 20 Credit Hours.

Aldo Leopardi, DDS, MD, Fixed Dental Implant Treatment of the Edentulous Patient: Current Concepts and Techniques. Hagerstown, Maryland. May 11. 6 Credit Hours.

Dr. Melissa J. Mulreany, Test Your Infection Control IQ. Frederick, Maryland. August 20. 2 Credit Hours.

JoAn Majors, RDA, Dentistry is Ever-Changing... Are You? Hagerstown, Maryland. September 7. 6 Credit Hours.

Drs. Fred Bye and Kevin Murphy, Current Concepts in Reconstructive Esthetic Implantology & the Esthetic Zone: Perio-Implant Update. Hagerstown, Maryland. October 12. 7 Credit Hours.

Dr. Howard Strassler, Vital Pulp Therapy and Fiber Reinforced Composites. Washington County Dental Society. Hagerstown, Maryland. November 13. 1.5 Credit Hours.

2013

Dr. Joseph Konzelman, Xerostomia Update, Washington County Dental Society, Hagerstown, MD January 15, 1 Credit Hour

Dr. Fred Bye and Kevin Murphy, Current Concepts in Reconstructive Esthetic Implantology & Full Arch Reconstruction, Hagerstown, MD, March 15. 6 Credit

Hours.

Dr. Maurice Salama, The Challenging Implant & Restorative Patient: Rules of Engagement in the Esthetic Zone, Hagerstown, MD, October 18. 6 Credit Hours.

Dr. Larry Cohen, Dental Sleep Medicine, Washington County Dental Society, Hagerstown, MD, November 19, 2013. 1 Credit Hour

2014

Bobbi Moose, Mid-Atlantic P.A.N.D.A., Washington County Dental Society, Hagerstown, MD, February 12. 2 Credit Hours

Dr. Fred Bye and Kevin Murphy, Edentulous Patient Implant Prosthetics, Hagerstown, MD, March 13. 4 Credit Hours

Dr. Ken Mangano, Edodontics Update, Washington County Dental Society, Hagerstown, MD, March 18. 2 Credit Hours

Dr. Ethan Drake, Updates in Orthodontic Treatment Modalities, Cumberland Valley Dental Society, Chambersburg, PA, April 8. 2 Credit Hours.

Dr. Fred Bye and Dr. Kevin Murphy, Edentulous Patient Study Club, Hagerstown, MD, May 2. 7 Credit Hours.

Dr. Kevin Murphy, Edentulous Patient Implant Prosthetics Study Club, Hagerstown, MD, October 3. 6 Credit Hours

Dr. Mark Setter, The Team Approach to Case Acceptance for Contemporary Dentistry, Hagerstown, MD, October 31. 6 Credit Hours.

Dr. Fred Bye and Dr. Sahar Damghani, Edentulous Patient Study Club, Hagerstown, MD, December 12. 7 Credit Hours.

2015

Dr. Fred Bye and William Grill, Edentulous Patient Study Club, Hagerstown, MD, April 24. 7 Credit Hours.

Dr. Fred Bye, Dental Implant health and Disease, Hagerstown, MD, May 28. 2 Credit Hours.

Dr. Fred Bye, Periodontal Treatment Options, Hagerstown, MD, September 29. 2 Credit Hours

Dr. Fred Bye and Hamid Shafie, Edentulous Patient Study Club, Hagerstown, MD
October 9. 7 Credit Hours

Dr. Ronald S. Brown, Oral Medicine Update, Hagerstown, MD October 20.
2 Credit Hours

Dr. James Barra, A Review of Orthodontic Treatment Methods, Chambersburg,
PA, November 17. 2 Credit Hours

Dr. Fred Bye and Dr. Kevin Murphy, Edentulous Patient Study Club,
Hagerstown, MD December 4. 7 Credit Hours

Dr. Richard Wynn, Proper Pharmacologic Prescribing and Disposal for the Dental
Practitioner, Online Course, December 23. 2 Credit Hours

2016

Dr. Hari Gnanasekeram, Cardiology Update, Chambersburg, PA, February 9.
2 Credit Hours

Dr. Fred Bye, The Oral Systemic-Connection, Hagerstown, MD, May 3.
2 Credit Hours

Dr. Melissa Mulreany, Infection Control, Hagerstown, MD, May 5.
2 Credit Hours

Dr. Jerry E. Bouquot, Oral Pathology, Hagerstown, MD, May 17 2 Credit Hours

Dr. John Davliakos, Edentulous Patient Study Club, Hagerstown, MD June 3.
6 Credit Hours

PUBLICATIONS

1. Bye, F.L. and Caffesse, R.G.: The process of keratinization of the gingival epithelium. *J. West. Soc. Periodont.*, 27:72, 1979.
2. Bye, F.L., Caffesse, R.G. and Nasjleti, C.E.: The effect of different plaqu control modalities on the keratinizing potential of the sulcular epithelium in monkeys. *J. periodont.*, 51:632, 1980.
3. Bergenholtz, A., Caffesse, R.G. and Nasjleti, C.E., Bye, F.L. and Kowalski, C.: The effect of antifibrinolytic agents on the healing of modified Widman flaps on monkeys. *J. Perio. Res.*, 19:210, 1984.

4. Bye, F.L., Ghilzon, R.S. and Caffesse, R.G.: Root surface roughness after the use of different modes of instrumentation.
5. Bye, F.L., Krause, M., Regezi, J. and Caffesse, R.G.: Histologic evaluation of periodontal implants in a biologically "closed" model. *J. Periodont.*, 58:110, 1987.
6. Smith, B.A., Setter, M., Caffesse, R.G. and Bye, F.L.: The effect of sharpening stones upon curette surface roughness. *Quintessence Internat.*, 18:603, 1987.
7. Bye, F.L., Caffesse, R.G., McLean, T.N. and Smith, B.A.: The effect of a microsil-containing dentifrice in the prevention and treatment of gingivitis. *Clin. Prev. Dent.*, 11:17, 1989.
8. Lopatin, D.E., Caffesse, E.R., Bye, F.L. and Caffesse, R.G.: Fibronectin concentration in sera and crevicular fluid in periodontal disease. *J. Clin. Periodont.*, 16:365, 1989.

ABSTRACTS

1. Anderson, G., Smith, B., Caffesse, R., Bye, F. and Nasjleti, C.: Probe penetration and degree of inflammation: A histological assessment. *J. Dent. Res.*, 65:#332, 1986.
2. Bye, F.L., Setter, M., Smith, B.A. and Caffesse, R.G.: The effect of sharpening stones upon curette surface roughness. *J. Dent. Res.*, 65:#920, 1986.
3. Bye, F.L., Palmer, J.A., Caffesse, R.G. and Smith, B.A.: Effectiveness of subgingival scaling and root planing: Single versus multiple instrumentation. *J. Dent. Res.*, 66: #336, 1987.
4. Card S. J., Smith, B.A., Caffesse, R.G., Bye, F.L. and Nasjleti, C.E.: New attachment following the surgical treatment of periodontitis in dogs. *J. Dent. Res.*, 65: #351, 1987.
5. Gartner, B., Smith, B.A., Bye, F.L. and Caffesse, R.G.: Effect of polishing plaque accumulation. An in vivo model. *J. Dent. Res.*, 65:#362, 1987.
6. Lopatin, D.E., Caffesse, E.R., Bye, F.L. and Caffesse, R.G.: Fibronectin concentrations in sera and crevicular fluid in periodontal disease. *J. Dent. Res.*, 65:#2005, 1987.
7. Lenzi, R., Kerry, G.J., Caffesse, R.G., Smith, B.A. and Bye, F.L.: SEM evaluations of curette wear during standardized root planing procedures. *J. Dent. Res.*, #67, #367, 1988.

8. Hansson, R.E., Bye, F.L. and Smith, B.A.: Four different pain rating scales used to evaluate hypersensitivity. *J. Dent. Res.*, 67:#1433, 1988.
9. Smith, B.A., Hansson, R.E., Caffesse, R.G. and Bye, F.L.: Evaluation of Dipotassium Oxalate in treatment of root hypersensitivity. *J. Dent. Res.*, 67:#1733, 1988.
10. Salesin, B.W., Burgett, F.G. and Bye, F.L.: Radiographic assessment of a periodontal clinical trail involving occlusal adjustment. *J. Dent. Res.* 158:1522, 1992.