

Curriculum Vitae

GEORGE A. MANDELARIS, DDS, MS, FACD, FICD

PERIODONTIST

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 Oakbrook Terrace, IL 60181

PERSONAL INFORMATION

EDUCATION

Undergraduate	September 1989 – May 1992	University of Michigan; College of Literature, Science and Arts (Ann Arbor, Michigan). Major: Biology
Dental Education	September 1992 – May 1996	University of Michigan, School of Dentistry (Ann Arbor, Michigan). Awarded Doctor of Dental Surgery (DDS) Degree
Externships	December 23, 1994 – January 2, 1995	Two-week Hospital Dentistry Extern at the University of Michigan Hospitals, Department of Hospital Dentistry (Ann Arbor, Michigan)
	May 15–26, 1995	Two-week Graduate Periodontal Residency Extern at Northwestern University Dental School, Department of Graduate Periodontics (Chicago, Illinois)
Residency	July 1996 – June 1999	University of Louisville, School of Dentistry (Louisville, Kentucky). Awarded Specialty Certificate in Periodontics and Master of Science (MS) Degree in Oral Biology
Other	September 1996	NorthEast Regional Board of Dental Examiners (NERB)
	July 1999	NorthEast Regional Specialty Board (NERB) Examination in Periodontology

PROFESSIONAL EXPERIENCE

PRIVATE PRACTICE

2010 – Present	Senior Partner. Periodontal Medicine & Surgical Specialists, LLC (Glenview and Oakbrook Terrace, Illinois)
May 2005 – 2010	Full partner. Rosenfeld and Mandelaris, LTD (Park Ridge and Oakbrook Terrace, Illinois)
October 1, 2000 – May 2005	Associate Periodontist. Rosenfeld and Associates (Park Ridge and Oakbrook Terrace, Illinois)
December 1999 – September 2000	Associate Periodontist. Benson C. Duff, DDS, MS, MS, PC (Grand Blanc, Michigan)
December 1999 – September 2000	Associate Periodontist. Dental Specialty Center of Grand Blanc (Grand Blanc, Michigan)

GEORGE A. MANDELARIS, DDS, MS

ACADEMIC APPOINTMENTS

November 1, 2016 – Present	Adjunct Clinical Assistant Professor; Department of Periodontics and Oral Medicine, University of Michigan, School of Dentistry (Ann Arbor, Michigan)
2014 – Present	Adjunct Clinical Assistant Professor; Department of Graduate Periodontics, University of Illinois, College of Dentistry (Chicago, Illinois)
2013 – 2015	Assistant Clinical Professor; Department of Oral and Maxillofacial Surgery, Louisiana State University, School of Dentistry (New Orleans, Louisiana)
June 2000 – August 2000	Clinical Assistant Instructor; University of Michigan, School of Dentistry, Department of Periodontics/Prevention/Geriatrics (Ann Arbor, Michigan)

HOSPITAL APPOINTMENTS

June 2001 – March 2022	Associate Medical Staff; Department of Surgery, Division of Dentistry, Advocate Lutheran General Hospital (Park Ridge, Illinois)
2008 – 2010	Attending Staff; Head and Neck Oncology Team, Advocate Lutheran General Hospital Cancer Center (Park Ridge, Illinois)

OTHER

September 1994 – May 1996	Work-study program. University of Michigan, School of Dentistry, Graduate Periodontics Department
Summers 1993 and 1994	Surgical and Research Assistant for faculty and graduate students. Graduate Periodontics/Periodontal Surgery Clinic at the University of Michigan, School of Dentistry
April 1992 – August 1992	Dental Assistant. Richard Mandelaris, DMD, Pediatric Dentistry (Davis, California)
September 1991 – April 1993	Dental Assistant. Dr. James Berg, General Dentistry (Ypsilanti, Michigan)
February 1990 – August 1991	Dental Assistant. Mark W. Adams, DDS, MS, Prosthodontist (Flint, Michigan)

LICENSURE

DENTAL LICENSURE

March 1999 – Present	State of Illinois Dental License #19-024971
November 1999 – 2003	State of Michigan Dental License
June 1996 – 2002	Commonwealth of Kentucky Dental License

PERIODONTAL SPECIALTY LICENSURE

August 1999 – Present	State of Illinois Specialty License in Periodontology #021-001938
February 2000 – 2003	State of Michigan Specialty License in Periodontology

GEORGE A. MANDELARIS, DDS, MS

OTHER LICENSURE

July 1, 2013 – Restricted License (No. P-142) as Assistant Clinical Professor; Department of Oral & Maxillofacial Surgery, Louisiana State University, School of Dentistry (New Orleans, Louisiana), Louisiana State Board of Dentistry
 July 1, 2015

CERTIFICATION

May 2000 – Present Board Certified in Periodontology and Dental Implant Surgery
 Diplomate, American Board of Periodontology and Dental Implant Surgery (No. 1547)

Date of Certification: May 2000

Date of Re-certification: 12/2003, 12/2006, 12/2009, 12/2015, 12/2021

July 1997 – Present Advanced Cardiac Life Support (ACLS) Certification

October 1996 – 1999 Institute for Laser Dentistry Certification (Category II)

July 1992 – Present Basic Cardiac Life Support (BCLS) Certification

RESEARCH AND SCHOLARLY ACTIVITIES

PUBLICATIONS

Original Publications in Refereed Journals

1. Culp L, **Mandelaris G.** (2023) Digital workflows: A digital process for guided bone regeneration. Accepted to *J Prothet Dent*
2. Avila-Ortiz G., Ambruster J., Barootchi S., Chambrone L., Chen C-Y., Dixon D., Geisinger ML., Giannobile WV., Goss K., Gunsolley JC., Heard RH., Kim DM., **Mandelaris GA.**, Monje A., Nevins ML., Palaiologou-Gallis A., Rosen PS., Scheyer ET., Suarez-Lopez del Amo F., Tavelli L., Velasquez D., Wang HL., Mealey BL. (2022) American Academy of Periodontology best evidence consensus statement on the use of biologics in clinical practice. *J Periodontol* 2022; 93(12):1763-1770.
3. **Mandelaris GA,** DeGroot BS. (2022) Bone construction surgery. A case report using recombinant human Platelet Derived Growth Factor. *Clin Adv Perio*, 2022; 12(4):262-269.
4. **Mandelaris, G.A.,** Richman, C., Kao, R.T. (2020). Surgical considerations and decision making in surgically facilitated orthodontic therapy/periodontally accelerated osteogenic orthodontics. *Clin Adv Perio*, 10, 213-223.
5. Stefanelli, L.V., Graziani, U., Pranno, N., Di Carlo, S., **Mandelaris, G.A.** (2020). Accuracy of dynamic navigation surgery in placement of pterygoid implants. *Int J Perio Rest Dent*, 40(6), 825-834.
6. Scheyer, E.T., **Mandelaris, G.A.,** McGuire, M.K., AlTakriti, M.A., Stefanelli, L.V. (2020). Implant placement under dynamic navigation using trace registration: A report of 5 cases. *Int J Perio Rest Dent*, 40(6), e241-248.
7. Stefanelli, L.V., **Mandelaris, G.A.,** Franchine, A., Di Nardo, D., Galli, M., Pagliarulo, M., Testarelli, L., Di Carlo, S., Gambarini, G. (2020). Accuracy evaluation of 14 maxillary full arch implant treatments performed with Da Vinci bridge: A case series. *Materials (Basel)*, 13(12), e2806.
8. Stefanelli, L.V., **Mandelaris, G.A.,** DeGroot, B.S., Gambarini, G., De Angelis, F., Di Carlo, S. (2020). Accuracy of a novel trace registration method for dynamic navigation surgery. *Int J Perio Rest Dent*, 40(3), 427-435.

GEORGE A. MANDELARIS, DDS, MS

9. **Mandelaris, G.A.**, Huang, I., Relle, R., Vence, B.S., Degroot, B.S. (2020). Surgically facilitated orthodontic therapy (SFOT). Diagnosis and Indications in interdisciplinary dentofacial therapy involving tooth movement. *Clin Adv Perio*, 10, 204-212.
10. Kao, R.T., Curtis, D., Kim, D.M., Lin, G-H., Wang, C-W., Cobb, C., Hsu, Y-T., Kan, J., Velasquez, D., Avila-Ortiz, G., Yu, S-H., **Mandelaris, G.A.**, Rosen, P., Gunsolley, J., Ambruster, J., Wang, H-L. (2020). American Academy of Periodontology best evidence consensus statement on modifying gingival phenotype in preparation for orthodontic and restorative treatment. *J Periodontol*, 91(3), 289-298.
11. Wang, C-W., Yu, S-H., **Mandelaris, G.A.**, Wang, H-L (2020). Is phenotypic conversion therapy beneficial for patients receiving orthodontic treatment? An American Academy of Periodontology Best Evidence Review. *J Periodontol*, 91(3), 299-310.
12. Stefanelli, V.L., DeGroot, B.S., Lipton, D.I., **Mandelaris, G.A.** (2019). Accuracy of a dynamic dental implant navigation system in a private practice. *Int J Oral Maxillofac Impl*, 34(1), 205-213.
13. Zimmo, N., Saleh, M.H.A., Sinjab, K., Wang, C-W., **Mandelaris, G.A.**, Wang, H-L. (2018). Corticotomy-assisted orthodontics for canine distalization: A systematic review and meta-analysis of clinical outcome trials. *J Int Acad Periodontol*, 20(0), 1-10.
14. **Mandelaris, G.A.**, Stefanelli, V., DeGroot, B.S. (2018). Dynamic navigation for surgical implant placement. Overview of technology, key concepts and a case report. *Compend Contin Educ Dent*, 39(9), 614-621.
15. **Mandelaris, G.A.**, DeGroot, B.S., Relle, R., Shah, B., Huang, I., Vence, B.S. (2018). Surgically facilitated orthodontic therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized interdisciplinary dentofacial therapy. *Compend Contin Educ Dent*, 39(3), 146-156.
16. **Mandelaris, G.A.**, Scheyer, E.T., Evans, M., Kim, D., McAllister, B., Nevins, M., Rios, H., Sarment, D. (2017). American Academy of Periodontology best evidence consensus statement on selected oral applications for cone-beam computed tomography. *J Periodontol*, 88(10), 939-945.
17. **Mandelaris, G.A.**, Neiva, R., Chambrone, L. (2017). American Academy of Periodontology best evidence consensus on cone beam computed tomography and interdisciplinary dentofacial therapy. A systematic review focusing on risk assessment of the dentoalveolar bone changes influenced by tooth movement. *J Periodontol*, 88(10), 960-977.
18. Zimmo, N., Saleh, M.H., **Mandelaris, G.A.**, Chan, H.L., Wang, H.L. (2017). Corticotomy accelerated orthodontics: a comprehensive review and update. *Compend Contin Educ Dent*, 38(1), 1-11.
19. Polack, M.A., Scheyer, E.T., Murphy, K.G., Arzadon, J.M., Rosenfeld, A.L., **Mandelaris, G.A.** (2017). A report of five cases from an ongoing prospective clinical study on a novel pink biomimetic implant system. *Compend Contin Educ Dent*, 38(1), 2-19.
20. Scheyer, E.T., Heard, R., Janakievski, J., **Mandelaris, G.A.**, Nevins, M., Pickering, S., Richardson, C., Pope, B., Toback, G., Velasquez, D. (2016). A randomized, controlled, multi-center clinical trial of post-extraction alveolar ridge preservation. *J Clin Periodontol*, 43(12), 1188-1199.
21. **Mandelaris, G.A.** (2016). Restorative leadership in the digital era of implantology. *Compend Contin Educ Dent*, 37(7), 488-491.
22. DeGroot, B.S., **Mandelaris, G.A.** (2016). Restorative leadership in the era of digital technology. *Inside Dentistry*, 12(9), 2-5.
23. **Mandelaris, G.A.**, Lu, M. (2015). A clinical, histologic and histomorphometric evaluation of demineralized bone matrix allograft putty for extraction socket preservation prior to implant placement: A case series featuring two core biopsies from one grafted socket with CBCT imaging. *Dentistry Today*, 15:43(CE 184), 1-16.

GEORGE A. MANDELARIS, DDS, MS

24. **Mandelaris, G.A.**, Spagnoli, D.B., Rosenfeld, A.L., McKee, J., Lu, M. (2015). Tissue engineering for lateral ridge augmentation with recombinant human bone morphogenetic protein-2 (rhBMP-2) combination therapy. A case report. *Int J Perio Rest Dent*, 35(3), 325-333.
25. Rios, H.F., Bashutski, J.D., McAllister, B.S., Murakami, S., Cobb, C.M., Chun, Y.H., Lin, Z., **Mandelaris, G.A.**, Cochran, D.L. (2015). Emerging regenerative approaches for periodontal reconstruction: practical applications from the AAP regeneration workshop. *Clin Adv Periodontics*, 5, 40-46.
26. Cochran, D.L., Cobb, C.M., Bashutski, J.D., Chun, Y.H., Lin, Z., **Mandelaris, G.A.**, McAllister, B.S., Rios, H.F. (2015). Emerging regenerative approaches for periodontal reconstruction: a consensus report. *J Periodontol*, 86(Suppl.), 193-196.
27. **Mandelaris, G.A.**, Vlk, S.D. (2014). Guided implant surgery with placement of a pre-surgical CAD/CAM fabricated custom abutment and provisional in the esthetic zone: Case report of the one-abutment, one-time concept in the digital era. *Compend Contin Educ Dent*, 35(7), 494-504.
28. Testori, T., Robiony, M., Parenti, A., Luongo, G., Rosenfeld, A.L., Ganz, S.D., **Mandelaris, G.A.**, Del Fabbro, M. (2014). Evaluation of accuracy and precision of a new guided surgery system: a multicenter clinical study. *Int J Perio Rest Dent*, 34(suppl), s59-s69.
29. **Mandelaris, G.A.**, Vence, B.S., Rosenfeld, A.L., Forbes, D.S. (2013). A classification system for crestal and radicular dentoalveolar bone phenotypes. *Int J Perio Rest Dent*, 33(3), 289-296.
30. Ganeles, J., **Mandelaris, G.A.**, Rosenfeld, A. (2013). Implant guidance for implants. Advanced digital tools help improve accuracy, predictability. *Inside Dentistry*, 9(4), 96-101.
31. Testori, T., Parenti, A., Motroni, A., Rinaldi, M., Luongo, G., Garrone, R., Cocchetto, R., **Mandelaris, G.A.**, Rosenfeld, A., Robiony, M. (2012). An evaluation of the accuracy and precision of a new guided surgery system: a multicenter study. *Italian Oral Surgery*, 11(5)(SI), S187-200.
32. Califano, J.V., Rosenfeld, A.L., **Mandelaris, G.A.** (2012). A logical and progressive approach to CT guided implantology. *Clin Adv Periodontics*, 2(4), 263-273.
33. **Mandelaris, G.A.**, Lu, M., Rosenfeld, A.L. (2011). The utilization of a xenogeneic collagen matrix as an interpositional soft tissue graft to enhance peri-implant soft tissue outcomes. A clinical case report and histologic analysis. *Clin Adv Periodontics*, 1(3), 193-198.
34. **Mandelaris, G.A.**, Rosenfeld, A.L., King, S., Nevins, M.L. (2010). Computer guided implantology for precision implant positioning. Combining specialized stereolithographically generated drilling guides and surgical implant instrumentation. *Int J Perio Rest Dent*, 30(3), 274-281.
35. **Mandelaris, G.A.**, Rosenfeld, A.L. (2009). Alternative applications to guided surgery. Precise outlining of the lateral window in antral sinus bone grafting. *J Oral Maxillofac Surg*, 67(Suppl 3), 23-30.
36. Vence, B.S., **Mandelaris, G.A.**, Forbes, D.P. (2009). Management of dentoalveolar ridge defects for implant site development: an interdisciplinary approach. *Compend Contin Educ Dent*, 5(30), 250-262.
37. **Mandelaris, G.A.**, Rosenfeld, A.L. (2008). A novel approach to the antral sinus bone graft technique for precise outlining of the lateral wall. A case report. *Int J Perio Rest Dent*, 28(6), 568-575.
38. **Mandelaris, G.A.**, Rosenfeld, A.L. (2008). The expanding influence of computed tomography and the application of computer guided implantology. *Prac Proced Aesthet Dent*, 20(5), 297-306.
39. Rosenfeld, A.L., **Mandelaris, G.A.**, Tardieu, P.B. (2006). Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part III. Stereolithographic drilling guides that do not require bone exposure and the immediate delivery of teeth. *Int J Perio Rest Dent*, 26(5), 493-499.

GEORGE A. MANDELARIS, DDS, MS

40. Rosenfeld, A.L., **Mandelaris, G.A.**, Tardieu, P.B. (2006). Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part II. Rapid prototype medical modeling and stereolithographic drilling guides requiring bone exposure. *Int J Perio Rest Dent*, 26(4), 347-353.
41. Rosenfeld, A.L., **Mandelaris, G.A.**, Tardieu, P.B. (2006). Prosthetically directed implant placement using computer software to ensure precise placement and predictable prosthetic outcomes. Part I. Diagnostics, imaging and collaborative accountability. *Int J Perio Rest Dent*, 26(3), 215-221.
42. **Mandelaris, G.A.**, Wang, H-L., MacNeil, R.L. (1998). A morphometric analysis of the furcation region of mandibular molars. *Compend Contin Educ Dent*, 19(2), 113-120.

Editorials and Roundtable Articles

1. Posnick, J.C., Tremont, T., **Mandelaris, G.A.** (2021). Orthodontic trends in the treatment of dentofacial deformities? *J Oral Maxillofac Surg*, 79, 518-519.
2. **Mandelaris, G.A.**, Posnick, J.C. (2020). How well are we diagnosing our orthodontic patients? *Int J Perio Rest Dent*, 40(6), 791-793. Editorial.
3. Orentlicher, G., Ganz, S.D., **Mandelaris, G.A.** (2020). Why has dentistry resisted the widespread adoption of computer-assisted implant surgery? Roundtable. *Compend Contin Educ Dent*, 41(7), 2-4.
4. Baumgarten, H., **Mandelaris, G.A.**, Levin, B.P. (2013). 3-D imaging: changing the diagnosis, prognosis, and interdisciplinary treatment landscape. Roundtable. *Compend Contin Educ Dent*, 34(10), 2-3.
5. Ganeles, J., **Mandelaris, G.A.**, Rosenfeld, A.L., Rose, L.F. (2011). Implant surgical guides. *Compend Cont Educ Dent*, 32(special issue 4), 52-55.

Books

1. **Mandelaris, G.A.**, Vence, B.S. (2023). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. London, England: Springer Nature Switzerland AG.

Book Chapters

1. **Mandelaris, G.A.** (2023) Embryologic development of the jaws. In: G.A. Mandelaris, B.S. Vence (Eds.). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. Part I, Chapter 1, pp 3-16. London, England: Springer Nature Switzerland AG.
2. **Mandelaris, G.A.** (2023) Bone. The Foundation of a Smile. In: G.A. Mandelaris, B.S. Vence (Eds.). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. Part I, Chapter 3, pp 33-57. London, England: Springer Nature Switzerland AG.
3. Kao R.T., Curtis D.A., **Mandelaris G.A.**, Richman C, Yu S-H, Goss K, Lin G-H. Phenotype Modification Therapy: New Challenges and Opportunities. In: G.A. Mandelaris, B.S. Vence (Eds.). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. Part IV, Chapter 2, pp 323-337.
4. **Mandelaris, G.A.** (2023) SFOT Surgery. In: G.A. Mandelaris, B.S. Vence (Eds.). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. Part IV, Chapter 5, pp 359-613. London, England: Springer Nature Switzerland AG.
5. **Mandelaris, G.A.** (2023) Case presentations and lessons learned. In: G.A. Mandelaris, B.S. Vence (Eds.). *Surgically Facilitated Orthodontic Therapy (SFOT). An Interdisciplinary Approach*. London, England: Springer Nature Switzerland AG. Part VI, Chapter 1, pp 719-828.

GEORGE A. MANDELARIS, DDS, MS

6. Di Gianfilippo, R., **Mandelaris, G.A.**, Wang, C.W. The Biology of Periodontal Phenotype and Dentoalveolar Bone in Orthodontic Patients. In: H. Kim-Berman, B. Shroff, J. McNamara (Eds.). *Controversial Topics in Orthodontics: Can We Reach Consensus? Craniofacial Growth Series*. Ann Arbor, Michigan: Center for Human Growth and Development, The University of Michigan. Invited Chapter.
7. **Mandelaris, G.A.**, DeGroot, B.S (2019). Surgically Facilitated Orthodontic Therapy (SFOT). In: S. Nares (Ed.). *Advances in Periodontal Surgery—A Clinical Guide to Techniques and Interdisciplinary Approaches* (Chapter 14, pp 223-245). London, England: Springer Nature Switzerland AG.
8. **Mandelaris, G.A.**, DeGroot, B.S. (2019). The evolution of imaging and associated applications for implant surgery. In: M. Nevins, H.L. Wang (Eds.). *Implant Therapy: Clinical Approaches and Evidence of Success* (2nd edition, Chapter 6, pp 91-114). Chicago, Illinois: Quintessence Publishing.
9. **Mandelaris, G.A.**, Angelopoulos, C., Jacobs, R., Levine, R.A., Scarffe, W.C. (2017). Planning and Assessment of Bone Reconstruction for Dental Implants. In: C. Angelopoulos, W.C. Scarffe (Eds.). *Maxillofacial Cone Beam Computed Tomography: Principles, Techniques and Clinical Applications Part IV: Clinical Applications* (Chapter 21, pp 831-869). London, England: Springer Nature Switzerland AG.
10. Gibson, C.F., **Mandelaris, G.A.** (2015). Restoration of the anterior segment in a cleft palate in conjunction with surgically facilitated orthodontic therapy. An interdisciplinary approach. *Dental Clinics of North America. Modern Concepts in Aesthetic Dentistry and Multi-Disciplined Reconstructive Grand Grounds*, 59(3), 733-753.
11. **Mandelaris, G.A.**, Rosenfeld, A.L. (2014). CAD/CAM Surgical Guidance Using Cone Beam Computed Tomography. In: D. Sarment (Ed.). *Cone Beam Computed Tomography. Oral and Maxillofacial Applications* (Chapter 9, pp 146-197). Ames: Wiley-Blackwell.
12. **Mandelaris, G.A.**, Rosenfeld, A.L. (2012). Bone Anatomy. In: M. Sonick, D. Hwang (Eds.). *Implant Site Development* (Chapter 2, pp 14-34). Ames, Iowa: Wiley-Blackwell.
13. **Mandelaris, G.A.**, Rosenfeld, A.L., Tardieu, P.B. (2009). Clinical Cases. In: P.B. Tardieu, A.L. Rosenfeld (Eds.). *The Art of Computer Guided Implantology* (Chapter 8, pp 113-178). Chicago, Illinois: Quintessence Publishing.
14. **Mandelaris, G.A.**, Rosenfeld, A.L. (2009). SurgiGuide Options. In: P.B. Tardieu, A.L. Rosenfeld (Eds.). *The Art of Computer Guided Implantology* (Chapter 6, pp 67-88). Chicago, Illinois: Quintessence Publishing.

Publications in Non-Refereed Journals

1. **Mandelaris, G.A.**, Janakievski, J. (2018). Milestone studies. From A to Z, an overview about surgically assisted orthodontics. *Geistlich Biomaterials News*, 12(1), 23-25.
2. **Mandelaris, G.A.**, Rosenfeld, A.L. (2008). A novel approach to the antral sinus bone graft technique: precise outlining of the lateral wall using SimPlant Module CMF for prototype cutting guides. A case report. *Dental Horizons*, 5(1), 3-6.
3. **Mandelaris, G.A.**, Rosenfeld, A.L. (2007, April–June). Computer guided implantology and the era of collaborative accountability. Part II. Perspectives in clinical practice. *AAP News*. www.perio.org (members section; Practice Management Resources).
4. **Mandelaris, G.A.**, Rosenfeld, A.L. (2007, April–June). Computer guided implantology and the era of collaborative accountability. Part I. Perspectives in clinical practice. *AAP News*. www.perio.org (members section; Practice Management Resources).
5. **Mandelaris, G.A.**, Rosenfeld, A.L. (2006). Is the technology trustworthy? Clinical transition from bone to tooth supported SurgiGuides. *Materialise Headlines*.
6. **Mandelaris, G.A.**, Rosenfeld, A.L. (2004). The use of tooth-supported SurgiGuides for minimally invasive implant placement in the anterior maxilla: a novel approach. *Materialise Headlines*, 3, 2-3.

GEORGE A. MANDELARIS, DDS, MS

Hands-On Workshops

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| November 2, 2019 | <i>Dynamic navigation surgery for implant placement</i> [Hands-on workshop]. The American Academy of Periodontology 105 th Annual Meeting, Chicago, Illinois. |
| October 26, 2018 | <i>Dynamic surgical navigation and surgically facilitated orthodontic therapy (SFOT)</i> [All-day lecture and hands-on workshop]. 104 th Annual Meeting of the American Academy of Periodontology Annual Session, Vancouver, British Columbia, Canada. |
| August 14, 2009 | <i>Principles of computer guided implantology</i> [Lecture and live surgery on CT guided technology]. University of Louisville, School of Dentistry, Department of Graduate Periodontics, Louisville, Kentucky. |
| November 6–8, 2008 | <i>Collaborative accountability and the art of guided implantology</i> [Live surgery demonstration of a prototype cutting guide for precise outlining of the lateral window]. PerioHealth Seminars for Drs. Mike McGuire and E.Todd Scheyer, Houston, Texas. |

Abstracts for Conference Papers and Posters Presented

1. Messieha, Z., **Mandelaris, G.A.**, Messieha, V. (2018). *Ofirmev reduces post-intubation, not post-surgical pain for SFOT* [Conference presentation abstract]. 2018 IADR, London, England.
2. Suttin, Z., Rosenfeld, A., **Mandelaris, G.A.**, Towse, R. (2013). *Pre-operative visualization of surgical guide instrumentation: A proposed protocol improvement for CT guided dental implant surgery* [Conference abstract]. 2013 Academy of Osseointegration.
3. **Mandelaris, G.A.**, Lu, M., Rosenfeld, A.L. (March 3–4, 2011). *The utilization of a xenogeneic collagen matrix as an interpositional soft tissue graft to enhance peri-implant soft tissue outcomes. A clinical case report and histological analysis* [Poster presentation]. 26th Annual meeting of the Academy of Osseointegration, Washington, DC.
4. **Mandelaris, G.A.**, Greenwell, H., Drisko, C., Mehlbauer, M.J., Pickman, K., Sheetz, J.P. (2000). The effect of a hydrogen peroxide - zinc chloride subgingival lavage during maintenance on the bacterial repopulation rate [1999 Annual Meeting Abstracts]. *J Periodontol*, 71(7), 1205.
5. **Mandelaris, G.A.**, Wang, H-L., MacNeil, R.L., Shyr, Y., O’Neal, R.B. (1996). Cervical enamel projections in mandibular molars [Special Issue 1996 Abstracts]. *J Dent Res* 75, 1557, 143.
6. **Mandelaris, G.A.**, O’Neal, R.B., MacNeil, R.L., Shyr, Y., Wang, H-L. (1995). An evaluation of ultrasonic scalers in periodontal maintenance therapy [Special Issue 1995 Abstracts] *J Dent Res* 74, 961, 132.
7. **Mandelaris, G.A.**, Greenwell, H., Drisko, C., Mehlbauer, M.J., Pickman, K., Sheetz, J.P. (September 1999). *Effect of a hydrogen peroxide - zinc chloride subgingival lavage during maintenance on the bacterial repopulation rate* [Selected for poster presentation]. American Academy of Periodontology’s 86th Annual Session, San Antonio, Texas.
8. **Mandelaris, G.A.**, Wang, H.L., MacNeil, R.L. (March 13–17, 1996). *Cervical enamel projections in mandibular molars* [Selected for poster presentation]. 1996 American Association for Dental Research’s Annual Session, San Francisco, California.
9. **Mandelaris, G.A.**, Wang, H.L., MacNeil, R.L., Shyr, Y., O’Neal, R.B. (March 8–12, 1995). *An evaluation of ultrasonic scalers in periodontal maintenance therapy* [Selected for poster presentation]. 1995 American Association for Dental Research’s Annual Session, San Antonio, Texas.
10. **Mandelaris, G.A.**, Wang, H.L., MacNeil, R.L., Shyr, Y., O’Neal, R.B. (February 5, 1995). *An evaluation of ultrasonic scalers in periodontal maintenance therapy* [Poster presentation]. University of Michigan Table Clinics, Ann Arbor, Michigan.
11. **Mandelaris, G.A.**, O’Neal, R.B., MacNeil, R.L., Shyr, Y., Wang, H.L. (November 5, 1995). *An evaluation of ultrasonic scalers in periodontal maintenance therapy* [Selected for poster presentation]. Annual University of Michigan - Ohio State University Dental Student Research Duel.

GEORGE A. MANDELARIS, DDS, MS

Reviewing (Journal) Activities

Mar 2023 - Present	Associate Editor. <i>Frontiers in Dental Medicine.</i> Section in Periodontics.
2022 - Present	Ad hoc reviewer. <i>Clinical Advances in Periodontics</i>
Mar 2021 - Present	Editorial Consultant. <i>International Journal of Periodontics and Restorative Dentistry</i>
2011 – Present	Ad hoc reviewer. <i>International Journal of Periodontics and Restorative Dentistry</i>
2008 – Present	Ad hoc reviewer. <i>International Journal of Oral and Maxillofacial Implants</i>
2007 – Present	Ad hoc reviewer. <i>Journal of Periodontology</i>

RESEARCH

2021 – Present	Prospective, Multicenter, Non-randomized, Controlled Clinical Study Utilizing Non-Guided vs. Guided Surgery to Immediately Loaded PrimeTaper Implants in Partially Edentulous Patient. Sponsored by Dentsply/Sirona and in conjunction with the McGuire Institute for practice-based research.
March 2011 – 2017	Clinical analysis of a biomimetic implant system. 5-year survival rates, marginal bone-level changes, and soft tissue esthetics. A Multi-center Single Arm Prospective Study on the Genesis Dental Implant system, Keystone Dental, Inc.
December 2013 – 2016	Mandelaris, G.A. (2016). A prospective, randomized, controlled, multi-center study with direct measure and histological evaluation comparing Geistlich Bio-Oss Collagen® + Geistlich Bio-Gide® and Oragraft DGC® + BioMend Extend® for posterior buccal dehiscence extraction site ridge preservation. <i>J Clin Periodontol</i> , 43, 1188-1199.
October 2011 – October 2013	A post-market clinical, radiographic and histologic evaluation of demineralized freeze-dried bone allograft in extraction socket procedures. Accell Connexus, Keystone Dental, Inc.
September 1996 – June 1999	Masters Thesis: “The Effect of a Dilute Hydrogen Peroxide Mouthrinse as a Subgingival Lavage During Supportive Periodontal Maintenance Therapy. A 12 Month Clinical and Microbiological Investigation.” Thesis Director: Henry Greenwell, DDS, JD, MSD
March 1995 – May 1996	1995 American Association for Dental Research Student Research Fellowship recipient to conduct research project: “Comparison Between Modified Ultrasonic Tips, Diamond Bur to Hand Instrumentation in Furcation Molars: An In Vitro Study.” Mentor: Hom-Lay Wang, DDS, PhD
Winters 1995 and 1996	One of 9 University of Michigan dental students selected to participate in Dental Student Research Elective course (a seminar and laboratory course offered to students actively involved in research projects)
Summer 1994	University of Michigan Student Research Group Fellowship Recipient to conduct research project: “Comparative Analysis Between Different Ultrasonic Scaler Tips to the Hand Instrumentation Based on Clinical Parameters of Periodontal Disease.” Mentor: Robert O’Neal, DDS
Summer 1993	Research Assistant for the study: “The Effect of Low Dosage Doxycycline in Patients with Periodontitis.” University of Michigan, School of Dentistry, Department of Graduate Periodontics. Mentor: Robert O’Neal, DDS
Summer 1993	Research Assistant for the study: “Molecular Regulation of the Parathyroid Hormone Receptor.” University of Michigan, School of Dentistry, Department of Periodontics/Prevention/Geriatrics. Mentor: Laurie K. McCauley, DDS, PhD

GEORGE A. MANDELARIS, DDS, MS

LEADERSHIP AND SERVICE IN PROFESSIONAL ORGANIZATIONS

2022- Present	District 4 Trustee. American Academy of Periodontology Board of Trustees
2022 – 2023	Vice President. International Computer Aided Implantology Academy
2022 – 2024	Clinical Innovations Committee. Academy of Osseointegration
2020 – 2022	Council Member. American Academy of Restorative Dentistry
2021 – 2023	AAP Foundation Selection Committee. The Dr. Colin Richman and Family Perio-Ortho Interface Award
2018 – 2019	Committee Member. Scientific Oversight Committee, American Academy of Periodontology
2016 – 2017	Co-Chairman. Best-Evidence Consensus workshop on CBCT imaging in Periodontics commissioned by the American Academy of Periodontology
2015	Ad Hoc Committee Member. Associate Membership of the American Academy of Oral and Maxillofacial Radiologists (AAOMR)
2013 – 2014	Immediate Past President. Illinois Society of Periodontists
2012 – 2014	Committee Member and Subcommittee Member. American Academy of Periodontology Leadership Development and Qualifications
2012 – 2013	President. Illinois Society of Periodontists
2011 – 2012	President-Elect. Illinois Society of Periodontists
2009 – 2011	Secretary/Treasurer. Illinois Society of Periodontists
2009 – 2010	Committee Member. American Academy of Periodontology Continuing Education and Oversight Committee
2009	Committee Member. American Academy of Periodontology Practice Management and Marketing Committee
2008 – 2010	Taarson Regeneration Scholarship Selection Committee. American Academy of Periodontology Foundation
2008 – 2009	Donor Recognition Task Force. American Academy of Periodontology Foundation
2006	President. Hellenic American Dental Society (HADS)
2006	Program Chairperson. Midwest Society of Periodontology
2005	Graduate Research Forum Chairperson. Midwest Society of Periodontology
2001 – 2009	Membership & Registration Committee. Midwest Society of Periodontology
November 2002 – November 2003	Secretary/Treasurer and Executive Committee Member. Hellenic American Dental Society
September 1995	Moderator/Session Assistant. The American Academy of Periodontology 81 st Annual Meeting (New York, New York)
January – September 1994	Student Delegate. 1994 House of Delegates for the University of Michigan, School of Dentistry to the Michigan Dental Association

GEORGE A. MANDELARIS, DDS, MS

March 1994	Class Representative. University of Michigan, School of Dentistry at the American Student Dental Association Annual Quad-Regional Session, held at Medical University of South Carolina (Charleston, South Carolina)
April 1993 – September 1994	Class Delegate. American Student Dental Association for the University of Michigan School of Dentistry (Ann Arbor, Michigan)
February 1994	Chairman. 1994 American Student Dental Association Midwest Winter Exhibitor’s Day Forum, held at the University of Michigan School of Dentistry (Ann Arbor, Michigan)
February 1994	Co-Chairman. American Student Dental Association Region 6 Annual Session (sponsored by the University of Michigan School of Dentistry ASDA chapter)
November 1993	Alternate Delegate. American Student Dental Association representing the University of Michigan School of Dentistry at the Annual Regional Session (Detroit, Michigan)
September 1993	Class Representative. University of Michigan School of Dentistry. American Student Dental Association’s Annual Session (San Antonio, Texas)
1992 – 1993	Class Representative. American Student Dental Association for the University of Michigan School of Dentistry graduating class of 1996

INVITED LECTURES

INTERNATIONAL

Invited lectures given outside the United States, or given to international organizations.

March 18, 2023	<i>Surgically facilitated orthodontic therapy (SFOT). Lunch with the Masters. 2023 Academy of Osseointegration Annual Symposium. Be in the know: A Global Perspective on Implant Dentistry. Phoenix, AZ.</i>
March 17, 2023	<i>Team Approach to Full Mouth Implant Rehabilitation- Managing and Respecting Prosthodontic Principles (in conjunction with Drs Brian Vence and Robert Relle). 2023 Academy of Osseointegration Annual Symposium. Be in the know: A Global Perspective on Implant Dentistry. Restorative Track: Re-reconstruction. Treatment Planning Challenges for Full-Arch Rehabilitation. Phoenix, AZ, USA</i>
June 10, 2022	<i>Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary and facially prioritized approach [Advances in Adult Orthodontic Treatment with a Multi-Specialty Approach session]. 14th International Symposium on Periodontics and Restorative Dentistry. Boston, Massachusetts.</i>
September 12, 2020	<i>Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach. 2020 Manitoba Dental Association Annual Symposium, virtual presentation.</i>
January 18, 2019	<i>Surgically facilitated orthodontic therapy. An interdisciplinary approach [Keynote presentation]. Niagara Peninsula Dental Association, St Catherine’s, Ontario, Canada.</i>
October 29, 2018	<i>The state of dynamic navigation technology and workflow [Focused CE course]. 104th Annual Meeting of the American Academy of Periodontology Annual Session, Vancouver, British Columbia, Canada.</i>
September 26, 2018	<i>Surgically facilitated orthodontic therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized interdisciplinary dentofacial therapy [Main podium presentation]. The gIDE Annual Global Symposium, Santa Monica, California.</i>

GEORGE A. MANDELARIS, DDS, MS

- June 18, 2016 *Dentoalveolar and alveoloskeletal bone tissue engineering: expanding the limits and reversing the risks* [Main podium presentation]. 12th International Symposium on Periodontics and Restorative Dentistry presented by the Quintessence International Publishing Group, Boston, Massachusetts.
- April 29, 2016 *Dentoalveolar and alveoloskeletal bone tissue engineering: expanding the limits and reversing the risks* [Main podium presentation]. 2016 Scientific Session of the American Academy of Cosmetic Dentistry, Toronto, Ontario, Canada.
- April 18, 2015 *The digital treatment workflow utilizing SimPlant planning software* [Main podium presentation]. BioHorizons 2015 Global Symposium, Los Angeles, California.
- June 19, 2014 *CBCT and software directed oral and facial reconstruction* [Main podium presentation with Dr. Dan Spagnoli]. 2014 Dental XP Global Symposium, Hollywood, Florida.
- April 19, 2012 *Clinical myths and realities of computer guided implant therapy*. International Congress of Oral Implantologists (ICOI) Spring Symposium, Toronto, Ontario, Canada.
- May 31, 2008 *Sinus floor augmentation in the atrophic maxilla: A novel approach using guided surgery with and without simultaneous implant placement*. 2008 Materialise SimPlant Academy World Conference, Vienna, Austria.
- April 24, 2008 *CT guidance technology*. [All day lecture]. Biomet 3i Global Symposium, Chicago, Illinois.
- June 1–2, 2007 *Collaborative accountability. The philosophical mantra for prosthetically directed implant therapy*. Materialise World Symposium, Washington, DC.
- November 5, 2005 *The evolution of collaborative accountability and the achievement of predictable implant supported prosthetic outcomes* [Co-presentation with Dr. Dennis Hartlieb]. 2005 Materialise World Symposium, Chicago, Illinois.

NATIONAL

Invited lectures given at annual sessions/symposiums/congresses for nationally recognized academies/associations.

- April 27, 2023 *Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach*. 2023 Annual Spear Institute Summit. Scottsdale, AZ, USA.
- February 21, 2021 *Digital revolution in periodontal and implant treatment*. 2021 Annual Symposium of the Academy of Operative Dentistry, virtual presentation.
- November 18, 2020 *Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach*. 2021 American Equilibration Society Annual Symposium, virtual presentation.
- April 20, 2020 *Surgically facilitated orthodontic therapy (SFOT)* [Main podium presentation]. National Osteology Symposium USA, virtual presentation.
- November 9, 2019 *Digital revolution in periodontal and implant treatment* [Main podium presentation]. 2019 Carestream Dental Oral Health Summit, Nashville, Tennessee.
- November 3, 2019 *Bringing niche skillsets to the collaborative dental team* [Main podium presentation on Interdisciplinary Dentofacial Therapy]. The American Academy of Periodontology 105th Annual Meeting, Chicago, Illinois.
- October 20, 2019 *Digital revolution in periodontal and implant treatment* [Main podium presentation]. New York University School of Dentistry. Full Mouth Rehabilitation: Occlusion, Esthetics & Implants, New York, New York.

GEORGE A. MANDELARIS, DDS, MS

- April 26, 2019 *Advanced periodontal surgery and the role of the dentist anesthesiologist*. 2019 Annual Scientific Session of the American Society of Dentist Anesthesiologists, Chicago, Illinois.
- February 23, 2019 *Dynamic surgical navigation for dental implant surgery* [Clinic program]. American Academy of Restorative Dentistry 2019 Annual Session, Chicago, Illinois.
- August 3, 2018 *Surgically facilitated orthodontic therapy (SFOT). Optimizing dentoalveolar bone and space appropriation for facially-prioritized interdisciplinary dentofacial therapy* [Main podium presentation with Dr. Brian Vence]. The American Academy of Esthetic Dentistry Annual Session, Rancho Palos Verdes, California.
- June 16, 2018 *Digital revolution in periodontal and implant treatment*. The 12th Ramfjord Symposium at The University of Michigan, School of Dentistry, Ann Arbor, Michigan.
- February 28, 2018 *Dynamic surgical navigation from a periodontist's perspective* [Corporate Forum lecture]. Navident. Academy of Osseointegration 2018 Annual Session, Los Angeles, California.
- May 19, 2017 *Surgically facilitated orthodontic therapy for space appropriation to optimize oral cavity volume. Is there an influence on the airway?* American Thoracic Society 2017 Annual Meeting, Oral Appliance Therapy & Related Topics in Dental Sleep Medicine, Washington, DC.
- September 13, 2016 *Imaging from a periodontist's perspective* [Focused CE session]. 2016 American Academy of Periodontology's Annual Session, San Diego, California.
- September 11, 2016 *Surgically facilitated orthodontic treatment: expanded indications* [Main podium presentation]. 2016 American Academy of Periodontology's Annual Session, San Diego, California.
- January 27, 2016 *Surgically facilitated orthodontic therapy* [Main podium presentation]. 2016 Seattle Study Club Symposium, Kona, Hawaii.
- October 2, 2015 *Imaging from a periodontist's perspective* [Main podium presentation]. 66th Scientific Meeting of the American Association of Oral and Maxillofacial Radiology, Indianapolis, Indiana.
- June 13, 2015 *Tissue engineering for bone reconstruction in implant site development* [Main podium presentation]. 2015 Central and Western District Annual Meeting of the American Academy of Implant Dentistry, Chicago, Illinois.
- February 28, 2015 *Tissue engineering for bone reconstruction in implant site development* [Main podium presentation for the essay program]. 2015 Annual Meeting of the American Academy of Restorative Dentistry, Chicago, Illinois.
- February 26, 2015 *Imaging from a periodontist's perspective* [Main podium presentation]. 60th Scientific Meeting of the American Equilibration Society–Interdisciplinary Dentistry in the 21st Century, Chicago, Illinois.
- February 23, 2015 *Surgically facilitated orthodontic therapy. The next frontier in interdisciplinary dentofacial therapy* [Guest lecture]. 32nd Annual International Interdisciplinary Dental Conference, Telluride, Colorado.
- September 20, 2014 *Bone graft overview* [BioHorizons and Medtronic Biologics Partner dinner lecture]. American Academy of Periodontology Annual Session, San Francisco, California.
- April 26, 2013 *Dental implants–collaboration in the 4th dimension*. Jack Kent Oral and Maxillofacial Surgery Foundation sponsored “Oral and Maxillofacial Surgery Pearls II,” New Orleans, Louisiana.

GEORGE A. MANDELARIS, DDS, MS

- February 8, 2013 *Imaging from the periodontist's perspective* [Main podium presentation]. A Collaborative Approach for Today's Patient—Orthodontists and Periodontists Working Together, American Association of Orthodontists – American Academy of Periodontology (AAO-AAP) Joint Winter Conference, Palm Desert, California.
- October 2, 2012 *Enhancing esthetic and functional restorative outcomes through interdisciplinary therapy* [General session, main podium presentation with Drs. Brian Vence and David Forbes]. American Academy of Periodontology's 98th Annual Meeting, Los Angeles, California.
- March 10, 2012 *Treatment planning in the 4th dimension. The emerging specialty specific CBCT for the periodontist.* Carestream Dental 2012 3D symposium, Atlanta, Georgia.
- November 14, 2011 *Clinical myths and realities of CT guided implant therapy* [Continuing Education session]. 98th Annual American Academy of Periodontology Meeting, Miami, Florida.
- November 13, 2011 *Alternative applications of guided surgery in antral sinus bone grafting* [Innovations in Periodontics session]. 98th Annual American Academy of Periodontology Meeting, Miami, Florida.
- November 12, 2011 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics* [Two separate presentations at the Carestream Dental Corporate Forum]. 98th Annual American Academy of Periodontology Meeting, Miami, Florida.
- September 13, 2009 *A private practice based clinical research network to evaluate the functional and esthetic outcomes of immediate provisionalization of implants placed into fresh extraction sites* [Innovations in Periodontics session]. 95th Annual Session of American Academy of Periodontology, Boston, Massachusetts.
- March 1, 2009 *Is restorative leadership a myth? How to ensure collaborative accountability using computer guided implantology.* Presented to the American Academy of Restorative Dentistry, Chicago, Illinois.
- September 15, 2006 *Computer guided implantology* [Presented with Dr. Alan Rosenfeld on behalf of Materialise Dental]. Selected to participate in "The Next Big Ideas: Emerging Technologies and Rising Stars in Periodontology" sponsored by The Avenues Company held in conjunction with the 92nd annual meeting of the American Academy of Periodontology, San Diego, California.

REGIONAL

Invited lectures given at meetings on behalf of regional academies/associations/societies.

- February 21, 2020 *Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach.* Chicago Midwinter Meeting, Chicago, Illinois.
- February 25, 2017 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach* [All day presentation with Dr. Brian Vence]. Midwest Society of Periodontology, Chicago, Illinois.
- January 24, 2014 *Imaging from a periodontist's perspective and Collaboration in the 4th dimension with CT guided implantology.* Southern Academy of Periodontology, Atlanta, Georgia.
- November 2, 2012 *Limitations and potential for technological surgical placement of implants* [Presented with Dr. Alan Rosenfeld]. NorthEast Society of Periodontists Fall Meeting, New York, New York.
- February 25, 2012 *Periodontology in the 4th dimension. Collaborative accountability and restorative leadership biologic shaping for natural teeth. Contemporary periodontology and implant surgery.* Chicago Dental Societies Midwinter Meeting on behalf of the Illinois Society of Periodontists, Chicago, Illinois.

GEORGE A. MANDELARIS, DDS, MS

- February 28, 2009 *Collaborative accountability and the art of computer guided implantology*. Presented to the Chicago Dental Societies Midwinter Meeting on behalf of the Illinois Society of Periodontists, Chicago, Illinois.
- February 27, 2009 *Principles of computer guided implantology [All day presentation]*. 2009 Midwest Society of Periodontology's Annual Session, Chicago, Illinois.

STATE

Invited lectures given at meetings on behalf of statewide academies/associations/societies or local educational groups outside the metropolitan Chicagoland area.

- March 26, 2022 *Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach*. Joint meeting of the Virginia Society of Periodontists (VSOP) and the Virginia Association of Orthodontists (VAO), Williamsburg, Virginia.
- May 19, 2018 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach [Half day and keynote presentation]*. California Society of Periodontists, Yosemite, California.
- January 12, 2018 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach [All day presentation]*. USAF Periodontics Residency, Air Force Postgraduate Dental School, San Antonio-Lackland, Texas.
- October 21, 2017 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach*. Metz Center for Sleep Dentistry Ten Year Anniversary Consensus, Columbus, Ohio.
- September 23, 2017 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach [All day presentation]*. Florida Academy of Cosmetic Dentists, Orlando, Florida.
- January 13, 2017 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach [All day presentation]*. Milwaukee Dental Forum, Milwaukee, Wisconsin.
- November 4, 2016 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach [Half day lecture]*. University of Michigan, School of Dentistry, Department of Graduate Periodontics, Ann Arbor, Michigan.
- January 22, 2016 *Imaging from a periodontist's perspective [All day lecture]*. Fairfield County Dental Club, Fairfield, Connecticut.
- January 9, 2016 *Imaging from a periodontist's perspective [Guest lecture]*. University of Texas Health Science Center—San Antonio, Department of Graduate Periodontics, San Antonio, Texas.
- September 24, 2015 *Imaging from a periodontist's perspective [All day lecture]*. Department of Graduate Periodontics, University of Louisville, School of Dentistry, Louisville, Kentucky.
- October 28, 2014 *Imaging from the periodontist's perspective [Guest lecture]*. 2014 Harvard School of Dental Medicine Continuing Education Symposium: A Comprehensive Approach to Implant Therapy, Boston, Massachusetts.
- October 17, 2014 *Surgically facilitated orthodontic therapy. The next frontier in interdisciplinary dentofacial therapy*. Seattle Study Club of Dr. Michael Cohen, Seattle, Washington.
- October 9, 2014 *Surgically facilitated orthodontic therapy. The next frontier in interdisciplinary dentofacial therapy [Guest lecture]*. Departments of Graduate Orthodontics and Graduate Periodontics at the University of Pennsylvania, School of Dental Medicine, Philadelphia, Pennsylvania.
- May 31, 2013 *Imaging from a periodontist's perspective and Collaboration in the 4th dimension*. University of Michigan, School of Dentistry, Department of Graduate Periodontics, Ann Arbor, Michigan.

GEORGE A. MANDELARIS, DDS, MS

- January 26, 2013 *Collaboration in the 4th dimension* [Presented on behalf of the Department of Oral and Maxillofacial Surgery]. LSU School of Dentistry Graduate Departments. New Orleans, Louisiana.
- September 13–14, 2012 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics.* Seattle Study of Atlanta and the ITI study club of Atlanta, Atlanta, Georgia.
- May 17, 2012 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics.* Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists, Milwaukee, Wisconsin.
- April 7, 2012 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics.* Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists. Houston, Texas.
- April 7, 2012 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics.* Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists, Seattle, Washington.
- February 18, 2012 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics.* Presentation given on behalf of the Carestream Dental Educational Initiative to Periodontists, Brooklyn, New York.
- October 12, 2011 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics* [Evening presentation]. Presented on behalf of the Carestream Dental Educational Initiative to Periodontists, Pikesville, Maryland.
- October 1, 2011 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics* [Half day presentation]. Presented on behalf of the Carestream Dental Educational Initiative to Periodontists, Teaneck, New Jersey.
- September 10, 2011 *Treatment planning in the 4th dimension. The era of CBCT imaging in periodontics* [Half day presentation]. Presented on behalf of the Carestream Dental Educational Initiative to Periodontists, Washington, DC.
- February 2, 2010 *Principles of computer guided implantology* [Evening presentation]. Oral and Maxillofacial Practice of Dr. Nader Moavenian, Nashua, New Hampshire.
- December 12, 2009 *Principles of computer guided implantology. Level I* [All day lecture]. SimPlant Academy, Portland, Oregon.
- April 17, 2009 *Principles of computer guided implantology* [All day lecture]. Dawson-Pankey Study Club of DuPage County, Downers Grove, Illinois.
- November 13–14, 2008 *Collaborative accountability and the art of guided implantology.* Premiere Study Club and Master’s Study Club, Seattle, Washington.
- May 16, 2008 *Collaborative accountability and the art of guided implantology.* Presented on behalf of RDH Health Services, Troy, Michigan.
- May 15, 2008 *Collaborative accountability and the art of guided implantology.* University of Michigan, School of Dentistry, Graduate Periodontal Residents, Ann Arbor, Michigan.
- April 30, 2008 *Reaching the next level with computer guided implantology.* Connecticut Society of Periodontists Annual Spring Meeting entitled “Rising Stars in Periodontics,” Cromwell, Connecticut.
- April 11–12, 2008 *Clinical applications in computer guided implantology* [Two-day lecture]. Presented to beginner and advanced SimPlant users, Seattle, Washington.

GEORGE A. MANDELARIS, DDS, MS

- August 24–25, 2007 *Clinical applications in computer guided implantology* [Two-day lecture]. Presented to advanced SimPlant users, Lisle, Illinois.
- February 9, 2007 *Computer guided implantology level one training course*. Sponsored by Materialise Dental USA, Dallas, Texas.
- November 3–4, 2006 *Computer guided implantology* [Level One training course]. Sponsored by Drs. Michael McGuire and E. Todd Scheyer; sponsored by Materialise Dental USA and Implant Innovations (3i), Houston, Texas.
- April 14, 2006 *A collaborative strategy to immediate loading of dental implants*. University of Louisville, Graduate Periodontal Residency Program, Louisville, Kentucky.
- November 17, 2005 *The new era of implantology. The use of 3D imaging, stereolithographic modeling and surgical guides to deliver prosthetically directed treatment outcomes*. Study Club of Drs. Michael McGuire and E. Todd Scheyer, Houston, Texas.
- May 4, 2005 *The new era of implantology. The use of 3D imaging, stereolithographic modeling and surgical guides to deliver prosthetically directed treatment outcomes*. Computer Guided Implantology Seminar with SimPlant Training; Co-sponsored by Facial Imaging, Rocky Hill, Connecticut.

LOCAL

Invited lectures given at meetings held within the Chicagoland area for study clubs or local societies/organizations.

- March 24, 2023 *Surgically facilitated orthodontic therapy (SFOT). An interdisciplinary approach*. [All day presentation]. Osseointegration Study Club of Southern California. Torrance, CA.
- May 19, 2018 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach*. Half day presentation on behalf of Dr Yan Razdolsky and Forever Smiles, Schaumburg, Illinois.
- April 24, 2018 *Surgically facilitated orthodontic therapy SFOT). An interdisciplinary approach* [Evening presentation]. Polish Dental Society of Chicago, Westchester, Illinois.
- October 6, 2015 *Tissue engineering for bone reconstruction in implant site development*. North Michigan Avenue Study Club, Chicago, Illinois.
- December 4, 2014 *Surgically facilitated orthodontic therapy. The next frontier in interdisciplinary dentofacial therapy* [Guest lecture]. Departments of Graduate Orthodontics and Graduate Periodontics at the University of Illinois, College of Dentistry, Chicago, Illinois.
- September 18, 2012 *Surgically facilitated orthodontic therapy. A game changer for interdisciplinary dentofacial therapy*. Chicago Dental Forum, Chicago, Illinois.
- February 27, 2012 *Periodontology in the 4th dimension. Collaborative accountability and restorative leadership* [Evening presentation]. Department of Oral and Maxillofacial Surgery, Loyola University, Strich School of Medicine, Maywood, Illinois.
- November 3, 2011 *Clinical myths and realities of computer applications for implant and periodontal diagnosis and surgery*. Dawson-Pankey Study Club of Dupage County, Darien, Illinois.
- May 12, 2010 *Principles of computer guided implantology* [Half day presentation]. Periodontal and Implant Practice of Dr. David Cohen, Crystal Lake, Illinois.
- March 17, 2009 *Is restorative leadership a myth? How to ensure collaborative accountability using computer guided implantology*. Fox River Valley Dental Society, Geneva, Illinois.
- October 24, 2007 *Computer guided implantology and the evolution of collaborative accountability*. Dawson-Pankey Study Club of Dupage County, Downers Grove, Illinois.

GEORGE A. MANDELARIS, DDS, MS

- January 17, 2006 *A collaborative strategy to immediate loading of dental implants.* Wheaton Dental Society Study Club, Wheaton, Illinois.
- September 21, 2004 *Collaborative accountability: management of diagnostic information, planning and execution of minimally invasive implant installation in the esthetic zone. Absolute anchorage for orthodontic therapy.* Chicago Academy of Dental Research, Chicago, Illinois.
- June 3, 2004 *The relationship between pre-term low birth weight and inflammatory periodontitis [Ob/Gyn M&M grand rounds presenter].* Lutheran General Hospital, Park Ridge, Illinois.
- November 2003 *Dental management of the cancer patient. Protocol for patient management.* Lutheran General Hospital, Park Ridge, Illinois.
- September 16, 2003 *Management of diagnostic information in the development of an anterior esthetic prosthetically directed implant restoration [Guest presentation].* Chicago Dental Forum Study Club, Chicago, Illinois.

HONORS, AWARDS, AND DISTINCTIONS

- March 1, 2023 **Expert Consultant.** *CBS Mornings National News.* Expert consultant for the investigative report segment on the validity of the Anterior Growth Guidance Appliance (AGGA).
- August 10–12, 2022 **Expert Participant.** Academy of Osseointegration Summit on “Controversial Trends or Long-term Results for Individual Patient Outcome.” Section on Flapless and Guided Surgery (Oakbrook Terrace, Illinois)
- April 24–25, 2022 **Expert Participant.** American Academy of Periodontology best evidence consensus on biologic mediators in contemporary periodontal clinical practice (Chicago, Illinois)
- November 2021 **Clinical Research Award.** 2021 American Academy of Periodontology. For the American Academy of Periodontology’s Best Evidence Consensus (BEC) publication: Kao, R.T., Curtis, D., Kim, D.M., Lin, G-H., Wang, C-W., Cobb, C., Hsu, Y-T., Kan, J., Velasquez, D., Avila-Ortiz, G., Yu, S-H., **Mandelaris, G.A.**, Rosen, P., Gunsolley, J., Ambruster, J., Wang, H-L. (2020). American Academy of Periodontology best evidence consensus statement on modifying gingival phenotype in preparation for orthodontic and restorative treatment. *J Periodontol*, 91(3), L289-298.

Presented to the most outstanding scientific published article with direct clinical relevance in periodontics. The award recognizes new information which is readily used by practitioners in the evaluation and/or management of patients with periodontal diseases.
- October 18, 2019 **Education Speaker of the Year Award.** Full Mouth Rehabilitation NYU. New York University, College of Dentistry (New York, New York)
- August 11, 2019 **Expert Participant.** American Academy of Periodontology best evidence consensus on changing gingival phenotype in preparation for orthodontic and restorative treatment
- January 23, 2019 **Saul Schluger Memorial Award.** Bestowed on by the Seattle Study Club® for Clinical Excellence in Diagnosis and Treatment Planning (Amelia Island, Florida)
- October 27, 2018 **Special Citation Award.** American Academy of Periodontology for Co-Chairing the Best Evidence Consensus on Cone Beam Computed Tomography (CBCT) in 2016–2017

This award is presented to individuals for outstanding work on an Academy committee or a special project.

GEORGE A. MANDELARIS, DDS, MS

September 2017	<p>Clinical Research Award. 2017 American Academy of Periodontology. For the practice-based research network publication: Scheyer, E.T., Heard, R., Janakievski, J., Mandelaris, G.A., Nevins, M., Pickering, S., Richardson, C., Pope, B., Toback, G., Velasquez, D. (2016). A randomized, controlled, multi-center clinical trial of post-extraction alveolar ridge preservation. <i>J Clin Periodontol</i>, 43(12), 1188-1199.</p> <p><i>Presented to the most outstanding scientific published article with direct clinical relevance in periodontics. The award recognizes new information which is readily used by practitioners in the evaluation and/or management of patients with periodontal diseases.</i></p>
November 2015	Fellow. International College of Dentists
November 2015	Fellow. American College of Dentists
May 2014	Expert Participant. American Academy of Periodontology commissioned Periodontal Regenerative Medicine World Workshop. Enhancing Periodontal Health Through Regenerative Approaches (Chicago, Illinois)
2012 – Present	Original Inductee. McGuire Institute for Practice Based Research Network (iMc)
2012 – 2013	Examiner. Part II of the American Board of Periodontology certification process
April 14–16, 2011	Expert Participant. North American Advisory Group for Geistlich Pharma at the International Osteology Symposium (Cannes, France)
March 3–4, 2007	Expert Participant. <i>The use of Ossix Plus bioresorbable collagen membrane. Clinical assessment based on 3 months of personal experience.</i> Selected to participate in the opinion leaders conference sponsored by Johnson and Johnson and hosted by The Avenues Company (Phoenix, Arizona)
July 28–30, 2006	Expert Participant. <i>Computer guided implantology.</i> Presented on behalf of Materialise Dental at “The Next Big Ideas: Emerging Technologies and Rising Stars in Periodontology” sponsored by The Avenues Company (Sedona, Arizona)
September 1999	Dr. and Mrs. Gerald M. Kramer Scholarship for Excellence Finalist. American Academy of Periodontology Foundation award for outstanding resident of the year based on clinical and academic achievement during graduate training
September 1998	First Place Award. 1997/1998 National Competition for Graduate Students: Case documentation of PerioGlas® and/or Atrisorb® sponsored by Block Drug Corporation
January 1998	Student Scholarship recipient. 1998 Hellenic American Dental Society of Chicago
May 1996	Max B. Winslow Award. 1996 award to the graduating dental student for excellence in proficiency in clinical periodontics. University of Michigan, School of Dentistry (Ann Arbor, Michigan)
March 1995	Student Research Fellowship recipient. 1995 American Association for Dental Research Student. University of Michigan, School of Dentistry (Ann Arbor, Michigan)
March 1994	Student Research Fellowship recipient. University of Michigan (Ann Arbor, Michigan)

PROFESSIONAL SOCIETY MEMBERSHIPS

2021 – Present	International Computer Aided Implantology (CAI) Academy, Member
2015 – Present	American Society of Bone and Mineral Research, Member
2014 – 2019	American Academy of Oral and Maxillofacial Radiology, Associate Member
2014 – Present	American Academy of Restorative Dentistry, Member

GEORGE A. MANDELARIS, DDS, MS

2013 – Present	American Dental Society of Anesthesiology, Member
2013 – 2014	Immediate Past-President, Illinois Society of Periodontists
2012 – 2013	President, Illinois Society of Periodontists
2011 – 2012	President-Elect, Illinois Society of Periodontists
2009 – Present	Illinois Society of Periodontology, Member; Secretary Treasurer 2009-2011
2009 – 2018	International Team for Implantology (ITI), Member
2004 – Present	Society for Contemporary and Progressive Periodontology, President
2000 – Present	Illinois State Dental Society, Member
2000 – Present	Chicago Dental Society, Member
2000 – Present	Midwest Society of Periodontology, Member
1998 – Present	Academy of Osseointegration, Member
1996 – Present	American Academy of Periodontology, Member
1996 – Present	Hellenic American Dental Society, Member; President 2006
1996 – 2000	Southern Academy of Periodontology, Student Member
1996 – 2000	Kentucky Dental Association, Member
1996 – 1999	Academy of Laser Dentistry, Student Member
1994 – 1999	American Association for Dental Research, Member
1992 – Present	American Dental Association, Member
1992 – 2001	Michigan Dental Association, Member

PRE-DENTAL STUDENTS EMPLOYED AND MENTORED

2017 – 2019	Agnes Chmielowski: University of Illinois–Champaign. Entered Midwestern University College of Dentistry; Downers Grove, Illinois. Graduated/DDS conferred class of 2023.
2015 – 2017	John Mazzocco: University of Notre Dame. Entered University of Michigan, School of Dentistry; Ann Arbor, Michigan. Graduated/DDS conferred class of 2022. University of Michigan, School of Dentistry, Graduate Periodontics Specialty certification & Master of Science (MS) degree to be conferred 2025.
2013 – 2014	Rachel Cole: The Ohio State University. Entered University of Illinois, College of Dentistry; Chicago, Illinois. Graduated/DDS conferred class of 2021.
2012 – 2013	Teagan Vence: University of Illinois- Champaign. Entered graduate studies at Western University in Biomedical Studies; Los Angeles, California. Graduated May 2019 with a Master’s Degree in Biological Sciences. Entered University of North Carolina, School of Dentistry, Chapel Hill, North Carolina. Graduated/DDS to be conferred class of 2023. Entered University of Florida Health Oral and Maxillofacial Surgery- Jacksonville. 6-year integrated M.D. OMFS program. Specialty training to be conferred 2030.

Curriculum Vitae

GEORGE A. MANDELARIS, DDS, MS

2010 – 2012

Ami Pandya: Indiana University.
Entered Indiana University, School of Dentistry; Indianapolis, Indiana.
Graduated/DDS conferred class of 2016.

2006 – 2008

Barbara Zickgraf: Indiana University.
Entered University of Michigan, School of Dentistry; Ann Arbor, Michigan.
Graduated/DDS conferred class of 2012.

PERSONAL DATA

Hometown: Flint, Michigan

Married to Alexandra Mandelaris with two children: Ariana and Anastasia