

Mohamed El Deeb
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11/28/21

Education

<i>Eltabary High School</i> Cairo, Egypt Baccalaureate	1964-1967
College of Science, Cairo University Egypt P.N.S (Preliminary Natural Science)	1967-1968
Cairo University School of Dentistry B.D.S	1968-1972
Azhar University School of Dentistry Cairo, Egypt D.O.S (Post-Graduate training in Oral Surgery)	1973-1975
University of Minnesota School of Dentistry Advanced Residency training program in oral and maxillofacial surgery Board Eligible	July 1976 – June 1979
University of Minnesota School of Dentistry Master of Science Degree MS	1979
American Dental Association American National Dental Board Certification	1990
Central regional Dental Board Central Regional Dental Testing Certification	1991
International College of Oral Implantologists Certification as Diplomat	1991
American Society of Ostioentegration Certification as Diplomat	1991

Licenses and certifications

Wisconsin Board of Dentistry (License # 3258)
Minnesota Board of Dentistry (License # 9805)
Egyptian Dental Board (License)

January 1984
August 1983

Certificates of Appreciation

Minnesota Dental Association; 1978,1979,1981,1983,1984
American Association of Oral and Maxillofacial Surgeons; 1982-1994
International Association of Oral and Maxillofacial Surgery; 1986
Mexico City Dental Association, 1988
Mexican Society of Hospital Oral and Maxillofacial Surgery; 1988.
Egyptian International Dental Congress; 1989.
International Dental Congress, 1991
Mexican Society for hospital Oral and Maxofacial Surgeons; 1993
International Saudi Dental conference Jeddah, Saudi Arabia; 1994
American Arab Dental Association, Los Angelis; 1998
Egyptian Society of Orthodontics 2001, Cairo, Egypt.
Riyadh College of dentistry, Saudi Arabia 2011 total management of TMJ
Alexandria University School OF Dentistry 2011

Previous Professional Work Experience

Internship Cairo University, School of Dentistry, Cairo Egypt	1972-1973
Instructor in Oral Surgery Azhar University, School of Dentistry, Cairo Egypt	1973-1975
Azhar University, School of Dentistry, Cairo Egypt Assistant Lecturer in Oral Surgery	1975-1976
Graduate Student and Resident Department of Oral and Maxillofacial Surgeons University of Minnesota School of Dentistry	1976-1979
Clinical Assistant Professor Department of Oral and Maxillofacial Surgeons University of Minnesota School of Dentistry	1979-1980
Assistant Professor Department of Oral and Maxillofacial Surgery University of Minnesota School of Dentistry	1980-1985
Director of Research Department of Oral and Maxillofacial Surgery University of Minnesota School of Dentistry	1982-1989
Associate Professor Department of Oral and Maxillofacial Surgery University of Minnesota School of Dentistry	1985-1991
Professor Department of Oral and Maxillofacial Surgery	

University of Minnesota School of Dentistry	1991-2001
Professor Emeritus of University of Minnesota School of Dentistry Devesion of Oral and Maxillofacial Surgery	2001-Current
Director of the Implant Program University of Minnesota School of Dentistry	1989-1991
Private Practice Minnesota Oral and Maxillofacial Surgeon	1991-Current
Private Practice Northside Minnesota Oral and Maxillofacial	1999 -Current
International consultant to the world hospital in Egypt in oral and Minnesota Study Club	2014-2017
President, American Society in Dental Anesthesiology Upper Midwest Section (Minnesota, Iowa, N. & S. Dakota)	1985-1989
Co-Chairman of the American Cleft Palate and Craniofacial Foundation Research Grants Committee	1988-1993
Vice-President, American Cleft Palate and Craniofacial Association	1990-1991
Chairman of the American cleft palate and craniofacial association National Meeting Hilton Head, South Carolina	1991
Member of the Board of Directors American Cleft Palate Foundation	1993-1996
Co-Chairman of the Cleft Palate Research Education Fund of the American Cleft Palate and Craniofacial Deformities Association	1996-2000
Associate Member, Graduate School, University of Minnesota	1982-2001
Director of Union Gospel Mission Dental Clinic	1982-1998
Instructor, trainer Basic, and advance life support Cardiac Life Support	1990-1998
Instructor, Advanced and Basic Cardiac Life Support Director of global institute of dental education of Minnesota study club	1980-2000 2018 -current
Hospital Staff Appointments	
University of Minnesota hospital	1979-1997
Fairview hospital south dale	1999-2010
Abbott-Northwestern Hospital	1997-2016

Editorial Appointments

Member of the Editorial Board, the Cleft Palate Journal 1987-1991

Reviewer, the Cleft Palate Journal 1993-1997

Reviewer, Journal of Oral & Maxillofacial Surgery 1989-1996

Member of the Editorial Board, the Saudi Dental Journal 1989-2014

Professional Organizations

American Association of Hospital Dentists (Fellow)
American Association of Oral and Maxillofacial Surgery
American Cleft Palate Craniofacial Deficiency Association
American College of Dentists (Fellow)
American College of Oral and Maxillofacial Surgeons (Fellow)
American Dental Association
American Dental Society of Anesthesiology
Egyptian Dental Association
International College of Dentists (Fellow)
International Congress of Oral Implantologists (Fellow, Diplomat)
Midwest Society of Oral and Maxillofacial Surgery
Minnesota Dental Association
Minnesota Society of oral and Maxillofacial Surgeons
Omicron Kappa Epsilon, Beta Beta Chapter
American College of Oral Implantologists (Associate Fellow)
American Society of Osseo integration (Diplomat)

Other Memberships Related to the university of Minnesota

University of Minnesota School of Dentistry Century Club (Life Fellow) **1987-current**
University of Minnesota Presidents Club **1988- current**

Awards

Ranked in the top 2% of the undergraduate Dental Student Class, 1972 Cairo School of Dentistry
Life Fellow—International Association of Oral and Maxillofacial Surgeons, 1984
Fellow in the American Association of Hospital Dentists, 1984
Fellow in the International College of Oral and Maxillofacial Surgeons, 1984
Fellowship in the International College of Dentists, 1984
Elected to Omicron Epsilon, Beta Beta Chapter, American National Dental Honor Society, 1985
Fellow in the American College of Dentists, 1985
Union Gospel Mission Dental Service Award, 1986,1991
Fellowship in the American Dental Society of Anesthesiology, 1987
Fellowship in the International Congress of Oral Implantologists, 1990
Diplomat, American Society of Osseo integration, Certification as Diplomat, 1990

Clinical interest and Proficiency

- 1-All Dento-alveolar surgery
 - 2-Dental implants
 - 3-Preprosthetic surgery
 - 4-General anesthetics and sedation
 - 5-Management of tempo-mandibular disorders
 - 6-Mangement of sleep apnea
 - 7-Management of benign lesions of the jaw
 - 8-Ha filler to the face
 - 9-Botox injections
 - 10-Facial treatment with fractional Co2 laser
 - 11-Excesion or removal of small moles or lesions of the face
 - 12-Management of facial and dento-alveolar trauma
 - 13-Management of skelto-dento-facial deformities
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Publications in Referred Journals

1. Deeb, M., Waite, DE, Goblin, RJ: Congenital monotonic fibrous dysphasia--a new possibly autosomal recessive disorder, J. Oral Surge 37:520-525, 1979
2. El Deeb, M., Waite, DE, Jaspers, MT: Fibrous dysphasia of the jaws. J Oral Surge 47:312-318, 1979
3. El Deeb, M., Sedano, HO, Waite, DE: Aneurismal bone cyst of the jaws. Into J Oral Surge 9:301- 311, 1980
- 4.El Deeb, M., Hole, NO, Gorlin, RJ: Submandibular salivary gland sialoliths perforated through the oral floor. J Oral Surge 51:134-139, 1980
- 5.El Deeb, M., Waite, Meyer, M: Evaluation of local blood flow after total maxillary osteotomy. J Oral Surge 39:249-254, 1981
- 6.El Deeb, M., Messer, L, Lehnert, M, Waite, DE: Canine eruption into grafted bone in maxillary alveolar cleft defects. Cleft Palate J 19:9-16, 1982
- 7.El Deeb, ME, El Deeb, M, Jensen, JE, Tabibi, A: An evaluation of the use of amalgam, cavit and calcium hydroxide in the repair of furcation perforations. J Endodontic 8(10):459-466, 1982
- 8.El Deeb, M, Waite, DE, Bevis R: Anterior maxillary osteotomy in patient with congenital port-wine stain. J Oral Maxillofacial Surge 40:806-809, 1982
- 9.El Deeb M, Gatto D, Edmund R, and Waite DE: Alveolar bone graft resorption associated with a large dental follicle. Cleft Palate J 21:22-28, 1984
- 10.Hinrichs JE, El Deeb M, Waite DE, Bevis R, Brandt CL: A periodontal evaluation of canines erupted through alveolar cleft defects in unilateral cleft palate patients. J Oral Maxillofacial Surge 42:717-721, 1984
- 11.El Deeb M, Hosrwell B, Waite DE: Alveolar cleft defect in Rhesus monkeys: an animal model. J Oral Maxillofacial Surge 43:523-527, 1985
- 12.El Deeb M, Hinrichs JE, Bandt CL, Bevis R, Waite DE: Repair of alveolar cleft defects with autogenous bone grafting: A periodontal evaluation. Cleft Palate J 23:126-136, 1986

13. Kwon HJ, El Deeb M, Morstad T, Waite DE: Alveolar ridge maintenance with hydroxylapatite ceramic cones in humans. J Oral Maxillofac Surg 44:503-508, 1986
14. Aguire R, El Deeb ME, El Deeb M: Evaluation of the repair of mechanical furcation perforations using amalgam, gutta-percha or indium foil, J Endodontic 12(6):24-256, 1986
15. Pinholt E, El Deeb M, Waite DE: Chondromyxoid fibro of the Maxillofacial region. Review of the literature and report of a case. hit J Oral Maxillofac Surg 15:553-564m 1986
16. El Deeb M, Rozkowski M, El Deeb, ME: Nonporous hydroxylapatite granules as extra cranial and extra nasal augmenting material in dogs: Technique and initial findings. Cleft Palate J 24:304-313, 1986
17. El Deeb M, Rozkowski M: Nonporous hydroxylapatite granules and blocks as extra cranial augmenting material in monkeys. J Oral Maxillofac Surg 46:33-40, 1988
17. Schellhas KP, El Deeb, et al: Three-dimensional computed tomography in Maxillofacial surgical planning. Otolaryngol Head Neck Surg 114:438-442, 1988
18. Schellhas KP, Wilkes C, El Deeb M, et al: Permanent Proplast temporomandibular joint implants: MR imaging of destructive complications. Am J Radiol 151:731-735, 1988
19. El Deeb M, Tompach D, Morstad T: Porous hydroxylapatite granules and blocks as alveolar ridge augmentation materials: A preliminary report. J Oral Maxillofac Surg 46:955-970, 1988
20. El Deeb M: Comparison of three methods of stabilization of particulate hydroxylapatite for augmentation of the mandibular ridge. J Oral Maxillofac Surg 46:758-766, 1988
21. El Deeb M, Hosney M, Sharawy M, Ontogenesis in composite graphs of allergenic dematerialized bone powder and porous hydroxylapatite. J Oral Maxillofac Surg 47:50-58, 1988
22. El Deeb M, El Deeb ME, Bevis R, Gomez OG: Canine erupted through grafted cleft defects: A pulp testing evaluation. Cleft Palate J 26:100-104, 1989
23. El Deeb M, Holmes R: Porous hydroxylapatite and Proplast as facial augmentation material. J Oral Maxillofac Surg 47:724-729, 1989
24. El Deeb M, Waite S, Keenan K, Standardized panoramic radiographs in assessment of mandibular augmentation with hydroxylapatite material: Preliminary report. J Oral Maxillofac Surg 47:724-729, 1989
25. El Deeb M, Holmes R: Tissue response to facial contour augmentation with dense and porous hydroxylapatite in Rhesus monkeys. J Oral Maxillofac Surg 47:1282-1289, 1989
26. Horswell B, El Deeb M: Non-porous hydroxylapatite in the repair of alveolar clefts in primate model: clinical and histological findings. J Oral Maxillofac Surg 47:946-952, 1989

Publications in non-referred journals

1. El Deeb M: Declining of the level of the recent medical and dental graduates in Egypt. Voice of the Egyptian Students in the USA 240-41, 1981.
2. Waite DE, El Deeb M, Morstad T: Alveolar ridge augmentation and the edentulous patient: Current clinical considerations. New Dimensions in Oral Surgery 1:1-6, 1984
3. Schellhas KP, El Deeb M: Maxillofacial imaging: The radiological diagnosis of craniomandibular disorders. Northwest Dentistry 67:13-18, 1988

Monographs and Chapters in books

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1. El Deeb M: Blood flow study in monkeys following LeFort I osteotomy own fracture technique. M.S. thesis, University of Minnesota, June 1979.
 2. El Deeb M, Waite DE, Mainous EG: Correction of the deficient alveolar ridge. Clinics in Plastic Surgery. Philadelphia: WB Saunders, 16(4):733-748, 1989.
 3. El Deeb M, Wolford L, Bevis R: Complications of orthognathic surgery. Clinics in Plastic Surgery. Philadelphia: WB Saunders, 16(4):825-742, 1989.
 4. El Deeb M, Waite DE, Curran J: Oral and Maxillofacial Surgery and the Management of Cleft Lip and Palate. Interdisciplinary Issues and Treatment: For Clinicians, By Clinicians-Cleft Palate, ed. Karlind Moller and Clark Starr. Pro-Ed Publications, pgs. 79-120, 1993.
 5. Wolford L, El Deeb M, Fox M: Surgical orthodontic correction of dentofacial deformities. Residency Manual: Oral and Maxillofacial Surgery, ed Kwon and Laskin. Quintessence Publishers, pgs. 275-297, 1991.
 6. El Deeb M, Wolford L: Utilization of Alloimplants in Alveolar Cleft Repair and Skeletofacial Deformities. Oral and Maxillofacial Surgery Clinics of North America. WB Saunders, Philadelphia, 1991 (In press).
 7. Wolford, L, El Deeb, M: Oral Surgical Treatment of the Cleft Palate Patient. Cleft Palate Dentistry. ABI Professional Publications, pgs. 139-193, 1998.

Published Abstracts

1. El Deeb M, Meyer M: Condylar blood flow in monkeys (preliminary report). J Dent Rd 58:709, March 29-April 1, 57th General Session, New Orleans, Abstract #709. 1979.
 2. El Deeb M, Messer K, Lehnert MW, Waite DE: An on-going study of canine eruption in grafted alveolar bone defects in cleft palate patients. Cleft Palate J 346, 1980
 3. El Deeb M, Waite DE, Jaspers MT: Fibrous dysplasia of the jaws. Year Book of Dentistry, Year Book Medical Publisher, Inc. Chicago, 1980, pp. 301-302.
 4. El Deeb ME, El Deeb M, Jensen JR: Comparative study of different materials used for repairing furcation perforations. J Dent Res 61:268, March 1982. Abstract #806.
 5. El Deeb M, Messer L, Lehnert M, Waite DE: Canine eruption into grafted bone in cleft defect. Int A, 27(9) 457, 1982.
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6. El Deeb ME, El Deeb M, Jensen JR: An evaluation of the uses of amalgam, cavit and calcium hydroxide in the repair of furcation perforations. It Endo J 16:204, 1983.
 7. El Deeb ME, El Deeb M, Tabibi A, Jensen JR: Response to materials used for repair of furcation perforations. Dental Abstracts 28(3):150-151, 1983.
 8. El Deeb ME, Waite DE: Testing of canines in unilateral cleft palate patients. Int Assoc Dent Res J Dent Res M:309, Abstract #1211, 1985.
 9. Aguire R, El Deeb M: Evaluation of three materials for the repair of furcation perforations. J Endodont 11:149, Abstract #146, 1985.
 10. Waite S, El Deeb M, Keenan K: Standardized panoramic radiography. J Dent Res 65:814
 11. El Deeb M, Roszkowski M, El Deeb ME, Hydroxylapatite as an extra cranial and extra nasal augmentation material in dogs. J Dent Res 65:796 Abstract #630, 1986.
 12. El Deeb M, Morstad AT: Alveolar ridge augmentation with porous inter pore hydroxylapatite and granules. J Dent Res 65:821 Abstract #863, 1986.
 13. El Deeb M, Templeton RB: Porous hydroxylapatite as a reconstructive material in bony defects. J Dent Res 65:822 Abstract #864, 1986.
 14. El Deeb M, Holmes R: Facial augmentation with Proplast and porous hydroxylapatite material in primates. J Dent Res 66:252 Abstract #1164, 1987.
 15. El Deeb M, Hosny R, Sharawy M: Bone formation in response to implantation of porous hydroxylapatite. 66:252 Abstract #1165, 1987.
 16. El Deeb M, Roszkowski: Non-porous hydroxylapatite granules and blocks as an extra cranial augmentation material. J Dent Res 66:170 Abstract #512, 1987.
 17. El Deeb M, Gatto DJ, Edmunds RS: Temporomandibular joint disc replacement materials: A comparative study. J Dent Res 66:97 Abstract #99, 1987.
 18. Radakovich, El Deeb M: Osseous Choroestioma: Report of a case and review of the literature. J Oral Maxillofac Surg 44(11):M8-M9, 1986.
 19. El Deeb M, Templeton RB, Holmes RE: Porous hydroxylapatite block reconstruction of monkey iliac crests: A histometric analysis. J Oral Maxillofac Surg 45:M17, 1987.
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20. El Deeb M, Roszkowski M: Hydroxylapatite granules versus blocks as a subpericranial reconstruction material in primates. J Oral Maxillofac Surg 45:M17, 1987.
 21. El Deeb M, Tompach PC, Morstad TA, Porous hydroxylapatite granules and blocks as alveolar ridge augmentation materials. J Oral Maxillofac Surg M18, 1987.
 22. El Deeb M, El Deeb, ME, Bevis R: Canine erupted through grafted alveolar cleft: A pulp testing evaluation. J Oral Maxillofac Surg 45:M9, 1987.
 23. El Deeb M, Gatto D, Edmunds R: Silastic and Proplast as a disc replacement material. J Dent 67:124 Abstract #92, 1988.
 24. El Deeb ME, El Deeb M, Edmunds R: The case of Durapatite and Synthograph in periapical lesions. J Dent Res 67:132, Abstract #153, 1988.
 25. Kwon HJ, El Deeb M, Morstad T, Waite D: Alveolar ridge maintenance with hydroxylapatite ceramic cones in humans. Association Dental Mexicana, A.C. 45(5):357, 1988.
 26. El Deeb M, Hinrichs JE, Waite DE, Bandt CL, Bevis R: Reparacion de hendiduras alveolares con injertos de hueso autogeno: evaluacion periodontal. Association Dental Mexicana, A.C. 45(5): 357, 1988.
 27. El Deeb M, Tompach P, Morstad T: Porous hydroxylapatite granules and blocks as alveolar ridge augmentation materials. J Dent Res 67:189 Abstract #610, 1988.
 28. El Deeb M, Holmes RE: Facial augmentation with Proplast and porous hydroxylapatite Interpore 500. J Oral Maxillofac Surg 46(12):M24, 1988.
 29. El Deeb M, Horswell B: Alveolar cleft defect repairs with hydroxylapatite granules and autogenous bone in monkeys. J Oral Maxillofac Surg 46(12):M23, 1988.
 30. El Deeb M, Morstad AT: Non-porous hydroxylapatite as an alveolar ridge augmentation material: A long-term follow-up. J Oral Maxillofac Surg 46(12):M25, 1988.
 31. Bevis R, Stenberg D, El Deeb M: Facial changes in maxillary advancement in cleft palate patients: Long-term results. J Oral Maxillofac Surg 46(12):M28, 1988.
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32. Schelhas KP, El Deeb M, Wilkes CH, Check RC, Larsen JW, Heithoff KB, Fritts HM (1988). Three-dimensional computed tomography in maxillofacial surgical planning. Cleft Palate J 26:76, 1989.
 33. El Deeb M, Tompach PC, Morstad AT: Porous hydroxylapatite granules and blocks as alveolar ridge. Augmentation materials: A preliminary report. Cleft Palate J 26:152, 1989.
 34. El Deeb M, Tompach P, Morstad A: Non-porous hydroxylapatite as an alveolar ridge augmentation material in humans. J Dent Res 68:265, Abstract #672, 1989.
 35. El Deeb M, Steele C, Morstad T: Porous and non-porous hydroxylapatite as an alveolar ridge augmentation material. J Dent Res 68:331, Abstract #1195, 1989.
 36. El Deeb M, Horswell B: Alveolar cleft defect repair with hydroxylapatite granules and autogenous bone. J Dent Res 68:331, Abstract #1197, 1989.
 37. El Deeb M, Holmes R: Hydroxylapatite s a facial augmentation material. J Dent Res 68:386, Abstract #1635, 1989.
 38. El Deeb M, Steele C, Morstad T: Alveolar ridge augmentation with porous and non-porous hydroxylapatite. J Dent Res 68:902, Abstract #282, 1989.
 39. El Deeb M, Mainous EG, Templeton RB: Proplast and non-Proplast hydroxylapatite as facial augmentation materials. J Dent Res 68:386, Abstract #1634, 1989.
 40. El Deeb M, Roszkowski MT, El Hakim I: Hydroxylapatite in induced diabetic and non-diabetic rats: Histologic evaluation. J Dent Res 68:404, Abstract #1777, 1989.
 41. El Deeb M: Surgical management of alveolar cleft defects: When and how. J Oral Maxillofac Surg 47(8):42, 1989.
 42. Wolford L, El Deeb M, Cooper RE: Orthognathic surgery in the young cleft palate patient and the effect on growth. J Oral Maxillofac Surg 47(8):42, 1989.
 43. El Deeb M, Roszkowski MT, El Hakim I: Hydroxylapatite in induced diabetic and non-diabetic rats: Histologic evaluation. J Oral Maxillofac Surg 47(8):42, 1989.
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44. El Deeb M, Steele C, Morstad T: Alveolar ridge augmentation with porous and non-porous hydroxylapatite. J Oral Maxillofac Surg 47:113-114, 1989.
 45. El Deeb M, Roszkowski MT: Hydroxylapatite in induced diabetic and non-diabetic rats: Histologic evaluation. J Dent Res 69:212, Abstract #832, 1990.
 46. El Deeb M, Roszkowski MT: Extra cranial and mandibular augmentation with hydroxylapatite-collagen in induced diabetic rats. J Dent Res 69:153, 1990.
 47. El Deeb M: Surgical management of alveolar cleft defects: When and how? J Oral Maxillofac Surg 48(8):31, 1990.
 48. Wolford L, El Deeb M, Mercuri LG: Customized total temporomandibular joint prosthesis. J Oral Maxillofac Surg 48(8):76, 1990.
 49. Chemello PD, Wolford LM, El Deeb M: Occlusal plane alteration as an alternative in treating skeletodental deformities. J Oral Maxillofac Surg 48(8):87, 1990.
 50. Fox ME, Stephens WF, El Deeb ME, Wolford LM: Periodontal and osseous tissue response to interdental osteotomies. J Oral Maxillofac Surg 48(8):144, 1990.
 51. El Deeb M, Sauk JJ, Roszkowski MT: Alloplastic Implantation in the Maxillofacial Complex: A Histochemical Study. J Dent Res 70:280, 1991.
 52. El Deeb M, Amundson PS, Morstad TA: Alveolar ridge Augmentation with Porous Hydroxylapatite: Long-term follow up. J Dent Res 70:539, 1991.
 53. El Deeb M: Surgical management of alveolar cleft defects: When and how? J Oral Maxillofac Surg 49(8):26, 1991.
 54. El Deeb M, Amundson PS, Morstad TA: Alveolar ridge augmentation with porous hydroxylapatite: Long-term follow up. J Oral Maxillofac Surg 49(8):135, 1991.
 55. El Deeb M, Roszkowski MT, Sauk J: Alloplastic implantation in the Maxillofacial complex: A histochemical study of complex med. J Oral Maxillofac Surg 49(8):135, 1991.
 56. El Deeb M: Surgical management of alveolar cleft defects: When and how? J Oral Maxillofac Surg 52(8):37, 1992.
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57. El Deeb M: Surgical management of alveolar cleft defects: When and how? J Oral Maxillofac Surg 52(8):38-39, 1994.
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Abstracts Presented at meetings and published in the programs if those meetings

1. Canine eruption in grafted cleft palate patients. Presented at the American Assoc for Dental Research Meeting of the Minnesota Section. April 1980.
 2. An evaluation of 20 grafted, missing or edentulous premaxillae in cleft palate patients; surgical management of the missing and edentulous premaxillae in cleft palate patients; and Facial blood flow to nine regions: Effect of sympathetic stimulation. Presented to the 64th Annual Meeting of the American Association of Oral and Maxillofacial Surgery, Atlanta, GA, and October 1982.
 3. Management of missing and edentulous premaxillae in cleft palate patients. Presented to the 40th Annual Meeting of the American Cleft Palate Association, Indianapolis, IN, May 1983.
 4. Hydroxyl apatite as alveolar ridge implant: A preliminary report. Presented at the 8th International Congress for Oral Surgeons, West Berlin, GERMANY, June 30, 1983.
 5. Effect of sympathetic stimulation on facial blood flow. Presented at the 8th International Congress for Oral Surgeons. West Berlin, GERMANY, June 24-30, 1983.
 6. Hydroxyl apatite as an alveolar ridge implant. Presented at the 65th Annual Meeting of the American Association of Oral and Maxillofacial Surgery, Las Vegas, NV, Sept 21-25, 1983.
 7. Alveograph as alveolar ridge implant: Preliminary report. Presented at the American Association of Minnesota Section, November 1983.
 8. Anterior maxillary alveolar ridge augmentation with hydroxyl apatite material. A new labial-based flap technique. Presented at the American Association of Oral and Maxillofacial Surgeons, New York, NY, and November 1983.
 9. Alveolar cleft palate repair in cleft palate patients: A periodontal evaluation. Presented at the Annual Meeting of the American Cleft Palate Association. Seattle, WA, May 1984.
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10. Alveolar cleft defect in Rhesus monkeys. An animal model. Presented at the American Association of Oral and Maxillofacial Surgeons, New York, NY, September 1984.
 11. Vitality test evaluation of canine erupted through grafted alveolar cleft defect in cleft palate patients. Presented at the 5th International Congress on Cleft Palate and Related Craniofacial Deformities, Monte Carlo, MONACO, September 1985.
 12. Alveolar cleft defect in Rhesus monkeys. Presented at the 5th International Congress on Cleft Palate and Related Craniofacial Anomalies. Monte Carlo, MONACO, September 1985.
 13. Porous hydroxyl apatite blocks as a bone substitute material in monkeys' bony defects. Presented at the American Association of Oral and Maxillofacial Surgeons Meeting in Washington DC, October 1985.
 14. Stabilization of particulate hydroxyl apatite mandibular ridge augmentation with red rubber urethral catheter. Presented at the American Association of Oral and Maxillofacial Surgeons Meeting in Washington DC, October 1985.
 15. Hydroxyl apatite granules and blocks as an extra cranial augmentation material. Presented at the 9th International Congress on Oral and Maxillofacial Surgery, Vancouver BC, CANADA, May 1986.
 16. Dematerialized bone and porous hydroxyl apatite as a bone substitute material. Presented at the Association for Oral and Maxillofacial Surgeons Meeting in New Orleans, LA, September 1986.
 17. Zygomatic augmentation with Proplast and porous hydroxyl apatite material in monkeys. Presented to the American Association of Oral and Maxillofacial Surgeons, New Orleans, LA, and September 1986.
 18. Pulp testing of canines erupted through grafted alveolar cleft defects. Presented at the 44th American Cleft Palate Association Program, San Antonio, TX, March 11-14, 1987.
 19. Non-porous hydroxyl apatite and granules as an extra cranial augmentation material. Presented at the 44th American Cleft Palate Association Program, San Antonio, TX, March 11-14, 1987.
 20. Histometric analysis of porous hydroxyl apatite in monkeys' bony defects. Presented at the 45th Anniversary Meeting of the American Cleft Palate Association, Williamsburg, VA, April 27, 1988.
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21. Occlusal plane alteration as an alternative in treating skeletodental deformities. Presented at the 48th Anniversary Meeting of the American Cleft Palate Association, Hilton Head, SC, March 16-21, 1991.
 22. Periodontal and osseous tissue response to interdental osteotomy. Presented at the 48th Anniversary Meeting of the American Cleft Palate Association, Hilton Head, SC, March 16-21, 1991.
 23. How to apply and increase your chances for funding related to the American Cleft Palate Foundation Research Grants. Presented at the 50th Anniversary Meeting of the American Cleft Palate and Craniofacial Deformities Association, Pittsburgh, PA, May 27, 1993.
 24. Orthodontic and surgical management of alveolar cleft defects: When and how? Presented at the 51st Anniversary Meeting of the American Cleft Palate and Craniofacial Deformities Association, May 1994.
 25. How to apply and increase your chances for funding related to the American Cleft Palate Foundation Research. Presented to the American Cleft Palate and Craniofacial Deformities Association, Toronto, CANADA, May 1991.

Grant and Contract Support

Evaluation of Durapatite as an implant material in patients with deficient edentulous alveolar ridges (1980-1986).

Principal Investigator (1984-1986): Sterling Winthrop Institute, New York; granted \$119,000. Also granted an NIH Summer Research Training Grant, providing me with a student advisee (1980-1986). This study was one of the first clinical trials for utilization of hydroxyl apatite as alveolar ridge augmentation in humans. Project completed. Three abstracts and one paper published and the long-term results accepted for publication in the Journal of Oral and Maxillofacial Surgery, 1990.

An evaluation of Durapatite: Root implants versus no implants for the preservation of the alveolar ridge in humans following tooth extraction (August 1981-1986).

Principal Investigator (1984-1986): Sterling Winthrop Research Institute, New York; granted \$70,000. This study was one of the first clinical trials for utilization of hydroxyl apatite ceramic root implants in sockets with fresh extractions. This study revealed unsuitability's in utilization of this form of hydroxyl apatite for devices to maintain alveolar ridge. The manufacturer withdrew the project from the market. Project completed. One abstract and one paper published in refereed journals.

The use of Durapatite material in alveolar cleft defect in monkeys.

Principal Investigator (1984-1986): Sterling Winthrop Research Institute, New York; granted \$15,000; University of Minnesota Department of Oral and Maxillofacial Surgery Educational and Research Foundation granted the first animal study for comparing non-porous hydroxyl apatite to autogenous bone in a primate animal model (Rhesus monkeys) with stimulated (created) alveolar cleft defects. Two abstracts and two papers published in a refereed journal.

The evaluation of Durapatite blocks and Alveograph as an extra cranial and extra nasal augmentation material in dogs and monkeys.

Principal Investigator (July 1983-1987) Sterling-Winthrop Research Institute; granted \$5,000; University of Minnesota Department of Oral and Maxillofacial Surgery Research Foundation; granted \$5,000; Dr. Ray and Alta Peterson, donated \$5000.

These were the first animal studies in dogs and monkeys to evaluate the possibilities of utilization of non-porous hydroxyl apatite as an extra oral material. This study proved that non-porous hydroxyl apatite blocks and granules are not ideal materials for utilization as extra cranial on lays. Three abstracts and two papers published in refereed journals.

The effect of using particulate Alveograph and Synthograph materials on ridge maintenance, tissue reaction, and bone formation.

Principal Investigator (1984) Department of Oral and Maxillofacial Surgery Research Foundation, granted \$2000, project completed.

The use of Interpore granules in created periodontal defects in Rhesus monkeys.

Investigator (1984). Interpore, International, granted \$4000.

Standardized panoramic radiographs in assessment of mandibular augmentation with hydroxyl apatite blocks.

Principal Investigator (1984-1996) Department of Oral and Maxillofacial Surgery Research Foundation, granted \$1000; one abstract and one paper published in a refereed journal.

An evaluation of Dacron-reinforced Silastic versus Proplast as temporomandibular cartilage replacement in primates.

Principal Investigator (1984-1987) Vitek, Inc., granted \$1,200 (material supply); Department of Oral and Maxillofacial Surgery Research Foundation, granted \$1,800.

This was the first experiment to compare Silastic and Proplast as TMJ disc replacement materials in Rhesus monkeys. The results indicated that both materials cause severe condylar destruction in Rhesus monkeys. Two abstracts published in a refereed journal. The Proplast material has been withdrawn from the market upon FDA recommendation.

An evaluation of Interpore hydroxylapatite material as an implant material in patients with deficient edentulous alveolar ridges.

Principal Investigator (1984-1986) Interpore International Corporation, granted \$55,000. Also granted advisors ship to an NIH Summer Research Fellow. This is one of the first clinical trials to evaluate porous hydroxyl apatite blocks and granules as alveolar ridge augmentation materials. The results proved the unsuitability of use of porous hydroxyl apatite blocks as a

material for augmentation of alveolar ridge. The manufacturer, upon our recommendation and that of others, withdrew the product from use in this indication. Two abstracts and one paper published in a refereed journal.

University of Minnesota School of Dentistry. (December 1985-December 1986) Dean's Opportunity Budget Award, granted \$4,500 to complete various research projects.

The use of porous Interpore implants blocks as a zygomatic buttress and mandibular bony augmentation material in monkeys.

Principal Investigator (1985-1987) Interpore International Corporation, granted \$10,000. The results identified Interpore 200 as a superior material for facial augmentation. This was the first study in the literature on utilization of the Interpore material in Rhesus monkeys. Two abstracts and three papers published in referred journals.

Tissue reaction to hydroxyl apatite in normal and induced diabetic rats.

Principal Investigator (1986-1990) BRSO, granted \$3,719; University of Minnesota Department of Oral and Maxillofacial Surgery, granted \$3,750; Collagen Corporation, Palo Alto, CA, granted \$10,000 (including \$5,600 for materials/supplies); also granted two NIH Summer Research Fellows (1988 and 1989) for whom I served as Advisor. Four abstracts and three papers published or accepted for publication in refereed journals. This was the first study to evaluate utilization of hydroxyl apatite and hydroxyl apatite collagen in induced diabetic models.

Porous versus non-porous hydroxylapatite as alveolar ridge augmentation material: A comparative study.

Co-advisor (May 1989), NIH Summer Research Training Grant. Two abstracts published in a refereed journal and one paper.

A feasibility study of use of an experimental animal to determine the effect of mastication stress on tissues supporting the intraosseous Branemark implants.

Investigator (1988-1991), BRSO (Principal Investigator: Ted Morstad); granted \$9,980. Participated in experimental design and in implanting of all implants.

Porous hydroxyl apatite as alveolar ridge augmentation material in humans: A long-term evaluation.

Principal Investigator (1989-1990) Interpore International Corporation, granted \$14,000. This grant is a continuation of previously reported studies to evaluate long-term results. Also granted NIH Summer Research Grant that provided for an undergraduate student (1990) whom I advised.

Summary of teaching activities

The teaching experience of Dr. El Deeb involves the following areas: undergraduates, graduates, and continuing education. The main focus of his teaching is at the dental undergraduate level. He has been course director for seven courses, lecturer in 20 courses, and clinical instructor for 38 courses. He has advised eight summer research fellowships and a

UROP-program student. At the graduate level he has taught in 56 courses and advised two M.S. students. In Continuing Education and as an invited speaker, Dr. El Deeb has presented in 34 local and 39 national and international programs. Dr El Deeb has lectured in eight countries other than the United States: Egypt, Greece, Monaco, Luxembourg, Mexico, Canada, Germany and Israel.

Teaching Experience

1. Undergraduate Courses

Dent 5-310 Oral Surgery 1 (1cr.) Fall Quarter. Course Director, 1990 lecturer, 1982 (2 hours/qtr), 1983, 1984 (1 hrs/qtr) to 130-150 dental students.

Lecturer, 1985-1988 (1-3 trslqtr) Course director Fall 1990, 1993, 1994

Dent 5-809 Oral Surgery 111 (1 cr) Spring Quarter

Course Director, 1984-1989 (10 lectures)third-year dental students: 1982 (3 hr l qtr); 1983, 1984 (2 hrs (qtr) 1985-1989, 1990 (3 hrs/qtr)

Dent 5-809 Patient Management II (1cr) Spring Quarter lecturer, 1984-1988. A joint course presented during the Spring term by the Department of Oral Diagnosis, to second-year dental students. Presented Oral Surgery lectures 1 br/qtr

DH 1-203 Dental Hygiene (1 cr) Spring Quarter Lecturer, 1988-1994 (1hrs/qtr)

Dent 5-316, Dent 5-318, Dent 5-319 Oral Surgery Clinic Rotation (1 cr) F,W, S, 551, 5511 Clinical faculty, 1979-1981 (24 hours a week), 1982 (20 hours a week), 1983 (16 hours a week), 1984 to present (12 to 20 hours a week). Presented various seminars related to sedation using nitrous oxide, suturing and wiring techniques, emergency therapy, and management of the medically compromised patient. This is a clinical course designed to provide the pre-doctoral dental student with clinical experience in chairside surgical assisting, performance of minor oral surgical procedures, and management of postoperative complications.

Dent 5-317 Anesthesia (2 cr.) Fall Quarter

Clinical faculty, 1980-1989. Seminar and clinical demonstrations on the use of local and general anesthetic agents in the practice of dentistry. Instructed administration of local anesthesia (6 hrs/qtr)

2. Graduate Courses

Ortho 5-012 Surgical Orthodontics (2 cr.) Winter/Spring Quarters

Lecturer, 1990. Comprehensive view presented to graduate students in Orthodontics and Maxillofacial surgery to supply understanding of the combined approach to treatment of dent facial deformities, malocclusions and skeletal dysplasia. 2 hrs/ qtr.

OSUR 8-253 Problems in Oral and Maxillofacial Surgery (Cr arr.) Fall, Winter, Spring, Summer Sessions I and II Faculty participant, 1979-1989. Review of current

literature, experience in surgical techniques; for graduate students in Oral and Maxillofacial Surgery. One hour a week

OSUR 8-252 Research in Fields Related to Oral Surgery (cr. Arr.) Course Director, 1982-1989. Elective for students obtaining credit toward M.S. degree.

OSUR 8-250 Advanced Oral Surgery (Cr. Arr.) Fall, Winter, Spring, Summer Sessions I & II Supervised oral surgery residents and general practice residents assigned to the clinic at Dental School of University Hospital on my assigned clinical, 1979-1983 20 hrs/week, 1984-1990 12-16 hrs/week

OSUR 8-251 Seminar: Oral Surgery (1Cr) Fall, Winter, Spring, Summer Sessions I & II Faculty participant, 1980-1996. A weekly seminar with various lectures on oral surgical subjects. Also gave two to three hours of lecture per quarter, to 10 to 16 students.

OSUR 8-258 Anesthesia II Seminar (1 cr.) Fall, Winter, Spring, Summer Sessions I & II Faculty participant 1980-1989. Topics in outpatient anesthesia and related subjects. Seminar for graduate students in oral surgery and for general practice residents. One hour a week to three or four students.

OPATS-008 Clinical Pathology Conference (1 cr.) Fall, Winter, Spring, Summer Sessions I & II Faculty participant 1980-1988. A course designed to provide students with experience in the symptomatology, clinical and microscopic diagnosis, prognosis, and treatment of various diseases. The course is directed to residents in oral surgery.

ANATS-301 Surgical Anatomy of the Head and Neck (5 cr). Fall Quarter. Faculty participant, 1984-1988. Various sessions teaching graduate students' dissection; contributed to final examination. Six graduate students per quarter from within the Department of Oral & Maxillofacial Surgery.

ENDO 8-335 Endo/Perio/Pros AGD Seminar (1 cr). Spring Quarter Lecturer, 1988-1990. A graduate course for residents in the Departments of Endodontic, Periodontics, and Prosthodontics, and Advanced General Dentistry. (2 hrs/qtr to 15-20 students per quarter).

PEDS 8-292 Pedodontic Literature (1 cr), Winter Quarter. Lecturer, 1983, 1984, 1989. In-depth review of literature and seminar discussions of specific topics to about six graduate students per quarter, one hour per quarter.

PRO 8-305 Dental Implantology: A Multi-Disciplinary Approach (1 cr.) Spring Quarter Faculty participant, 1990. A graduate seminar and literature-review on topics related to development and use of dental implants, to 12-14 students per quarter. Also gave two hours of lecture per quarter.

Advisor to Undergraduate Dental Students in Summer Research Program

Patty Hawkins, 1983. Project completed: "Retrospective evaluation of over 150 cases of alveolar cleft palate treated with secondary osteoplasty." Data generated from this project resulted in recall of patients and initiation of three subsequent projects by Dr. El Deeb that resulted in three abstracts and three papers published in refereed journals. Under "Scholarly Activities" see abstracts #5, 8, 22 and papers 10, 112, 23.

Stuart Waite, 1984. Project completed: "Standardization of panoramic radiographs in assessment of alveolar ridge augmentation." Abstract (#10) and paper (#25) published in refereed journals, 1989.

Paul Tompach, 1987. Project completed: "Non-porous hydroxyl apatite as alveolar ridge augmentation material: A long-term follow-up." Abstract #34 published and paper #34 accepted for publication in refereed journals.

Mark Roszkowski, 1987. Project completed: "Standardized panoramic radiography in assessment of mandibular augmentation with porous hydroxyl apatite." UROP (Under-graduate Research Opportunity Program) funded by the University of Minnesota.

Mark Roszkowski, 1988. Project completed: "Tissue reactions to hydroxyl apatite in normal and induced diabetic rats." Abstracts #40, 43, paper #28, published in refereed journals.

Mark Roszkowski, 1989. Project completed: "Tissue reaction to hydroxyl apatite collagen in normal and induced diabetic rats." Abstracts #45, 46, and paper #30 published and paper #32 accepted for publication in refereed journals.

Christopher Steele, 1989 (co-advisor). Project completed: "Porous vs. nonporous hydroxyl apatite as alveolar ridge augmentation material." Abstracts #38, 44 published in refereed journals and paper #47 in the final stage of preparation.

Pam Amundsen, 1990. Project in progress: "Porous hydroxyl apatite blocks and granules as alveolar ridge augmentation material: A long-term follow-up." Abstract submitted to the IADR, 1991.

Advisor to graduate students

Bruce Horswell, resident in Oral and Maxillofacial Surgery, M.S. project: "Evaluation of hydroxylapatite granules as bone substitute material in treating alveolar cleft defects." Defended 1989. Two abstracts (#27, 36) and two papers (#11, 27) published in a refereed journal.

Matt Roszkowski, resident in Oral and Maxillofacial Surgery, M.S. project: "Evaluation of hydroxyl apatite blocks and granules as an extra cranial augmenting material." Defended 1989. Abstracts #16,20 and paper #17 published in a refereed journal.

Bruce Templeton, resident in Oral and Maxillofacial Surgery, M.S. project: "Evaluation of hydroxyl apatite blocks as iliac crest replacement material." Project completed but not yet defended. Abstracts #19,26 published in a refereed journal.

Continuing Education courses taught at the national and international level

May 4, 1983: Study-Session Lecture given with Dr. R. Bevis and Dr. D.E. Waite at the meeting of the American Cleft Palate Association in Indianapolis IN: "Surgical and orthodontic management of alveolar clefts." One and a half hours to 20-30 attendees.

September 21, 1983: Surgical Round Table Clinic Program presented with Dr. D.E. Waite at the 65th Annual Meeting of the American Association of Oral and Maxillofacial Surgeons, Las Vegas NV: "Hydroxylapatite as an alveolar ridge implant and bone substitute material." Four hours to 30-40 attendees.

May 22-23, 1984: Study-Session Presentation with Dr. Richard Bevis at the 41st Annual Meeting, American Cleft Palate Association, Seattle WA: "Surgical management of alveolar cleft defects." One and a half hours to 20-30 attendees.

September 16-18, 1984: Surgical Round Table Clinic Program presented with Dr. D.E. Waite at the meeting of the American Association of Oral and Maxillofacial Surgeons, New York NY: "Hydroxyl apatite as a bone substitute material." Four hours to 35-40 attendees.

February 15, 1985: Continuing Education Course at an Implant Course, Baylor College of Dentistry, Dallas TX: "Research related to porous and nonporous hydroxyl apatite material." One hour to 38 attendees.

February 16, 1985: Continuing Education Course at an Implant Course, Baylor College of Dentistry, Dallas TX: "Clinical applications: The use of hydroxyl apatite material as alveolar ridge augmentation material." One hour to 38 attendees.

September, 1985: Teaching Seminar presented at the 5th International Congress of Cleft Palate and Related Craniofacial Deformities, Monte Carlo, Monaco: "Surgical management of alveolar cleft defect." One and a half hours to 25-30 attendees.

October, 1985: Surgical Round Table Clinic Program presented with Dr. D.E. Waite at the meeting of the American Association of Oral and Maxillofacial Surgeons, Washington D.C.: "Hydroxyl apatite as alveolar ridge augmentation and bone substitute material." Four hours to 30-40 attendees.

May 14-15, 1986: Two presentations at the Symposium on Surgical Aspects of Cleft Lip and Palate, Difficult and Controversial Areas, preceding the meeting of and sponsored by the American Cleft Palate Association, New York NY: "Technique and timing of alveolar bone grafting" and "Alveolar bone grafting vis-à-vis maxillary surgery." One hour, 90 attendees.

May, 1986: Study Session Program presented with Dr. Larry Wolford to the meeting of the American Cleft Palate Association, New York NY: "Hydroxyl apatite as a bone substitute material for cleft palate and craniofacial disorders." One and half course to 30-40 attendees.

May, 1986: Limited Attendance Clinic presented with Dr. D.E. Waite at the 9th International Congress for Oral and Maxillofacial Surgery, Vancouver BC Canada: "The indications and techniques for the application of hydroxyl apatite materials in alveolar ridge reconstruction and orthodontic surgery: Two hours to 30-40 attendees.

September, 1986: Mini-Lecture Program presented with Dr. D.E. Waite to the American Association of Oral and Maxillofacial Surgeons, New Orleans LA: "Hydroxyl apatite as alveolar ridge augmentation and bone substitute material in the maxillofacial region." Two hours to 28 attendees.

March 11-14, 1987: Study Session Program presented with Dr. Larry Wolford to the meeting of the American Cleft Palate Association, San Antonio TX: "Grafting with hydroxyl apatite: When and how?" One and a half hours to 30-40 attendees.

September, 1987: Mini-Lecture Series Program presented with Dr. D.E. Waite at the meeting of the American Association of Oral and Maxillofacial Surgeons, Anaheim CA: "Hydroxyl apatite as alveolar ridge augmentation and bone substitute material in the maxillofacial region." Two hours to 10-20 attendees.

November 11-14, 1987: Presentation at the 3rd International Dental Conference, Cairo, Egypt: "Silastic™ versus Proplast™ and Interpore 200™ as facial augmentation material." One hour to 150 attendees.

September, 1985: Presented three lectures and participated in workshop on orthognathic surgery, Symposium on Correction of Maxillofacial Deformities, sponsored by the American Cleft Palate Association: “Management of mandibular retrognathia,” “Complications of orthognathic surgery,” and “Segmental maxillary osteotomy” (one 12-hr lecture, 4 hours clinical demonstration) Course was 16 hours in total, given to 560 attendees.

May 21-23, 1988: Lecture sponsored by the mu Research Foundation, to the 11th Annual Seminar on Disease of the mu Apparatus,” San Diego CA: “A comparative study of mu disk replacement materials.” One hour to 110 attendees.

May 13-15, 1989: Lecture for the 12th Annual Seminar on Disease of the mu Apparatus, Oakland CA: “Silastic versus Proplast as a mu disk replacement material.” One hour to 120 attendees.

June 16-17, 1989: Two lectures to the International Symposium on Cleft Lip and Palate and Craniofacial Deformities, Athens, Greece: “Management of alveolar cleft defects” and “Management of skeletofacial deformities in cleft palate patients.” Two hours to 60 attendees.

June 24-26, 1989: Two lectures and co-chairmanship, International Symposium on Cleft Palate Deformities, Cairo, Egypt: “Management of alveolar cleft defects” and “Management of skeletofacial deformities in clefts.” Three hours to 100 attendees.

September 23, 1989: Surgical Round Table Clinic Program presented at the meeting of the Association of Oral and Maxillofacial Surgeons in San Francisco, CA: “Surgical management of alveolar cleft defects: When and how?” Two hours to 20 attendees.

May 16, 1990: Teaching Seminar given with Dr. Larry Wolford at the annual meeting on Cleft Palate and Craniofacial Deformities, St. Louis MO: “Reaming techniques in orthognathic surgery.” One and a half hours to 15-20 attendees.

September 13, 1990: Surgical Round Table Clinic Program presented at the meeting of the Association of Oral and Maxillofacial Surgeons, New Orleans LA: “Surgical management of alveolar cleft defects: When and how?” Four hours to 26 attendees.

October 19-22, 1990: Lecture sponsored by the American College of Oral and Maxillofacial surgeons and the mu Research Foundation, for the 13th Annual Seminar on Disease of the mu Apparatus, Los Angeles CA: “Silastic™ versus Proplast™ as TMJ disk replacement material.” One hour.

October 26-27, 1990: Second Biennial Symposium on Cleft Care in Maxillofacial Surgery, the University of Tennessee, Knoxville TN: “The team approach to cleft care.” One hour.

November, 1990: Two lectures presented at the 5th International Dental Conference, Cairo, Egypt: “The utilization of porous HA in maxillofacial applications and the utilization of Gortex membrane as a guided tissue regeneration membrane.”

Continuing Education Courses at the Local and State Level

April 24, 1978: Table Clinic presented at the State Meeting of the Minnesota Dental Association, Minneapolis MN: “Biopsy tec hniques.” Two hours to 40-50 attendees.

April 23, 1979: Table Clinic presented at the State Meeting of the Minnesota Dental Association, Minneapolis MN: “Management of impacted teeth.” Two hours to 40-50 attendees.

April 13, 1981: Table Clinic presented at the State Meeting of the Minnesota Dental Association, Minneapolis MN: "Durapatite as an edentulous implant." Two hours to 40-50 attendees.

April, 1981: Lecture in Mini-Residency Course, Continuing Education, Department of Oral and Maxillofacial Surgery, School of Dentistry, University of Minnesota: "Research related to the field of oral and maxillofacial surgery." One hour to two attendees.

November 13, 1981: Table Clinic presented at the University of Minnesota Dental School Alumni Day: "Management of alveolar cleft defect in cleft palate patients." Two hours to 40 attendees.

April, 1982: Lecture presented at the Symposium on Management of Cleft Palate Patients, Continuing Education Course, University of Minnesota, and the Minnesota Department of Health Services for Children with Handicaps: "Management of alveolar cleft defect." One hour to 111 attendees.

April 10-21, 1982: Lectures presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," and "Management of patients with dental infection." Two hours of lecture, four hours of clinical instruction to 14 attendees.

September, 1982: Lecture presented at the Medical and Surgical Update for the Dental Auxiliary, Continuing Education Course, University of Minnesota School of Dentistry: "Durapatite as edentulous ridge implant." One hour to 48 attendees.

February 25, 1983: Director, 7-credit Course in Current Advances in Preprosthetic Surgery, Continuing Education Course, University of Minnesota School of Dentistry. Gave one-hour lecture to 28 attendees.

February 26, 1983: Lecture, Alveolar Bone Grafting Symposium, Continuing Education Course, University of Minnesota School of Dentistry: "Use of durapatite as a bone substitute material." One hour to 150 attendees.

April 11-13, 1983: Lectures presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," and "Management of patients with dental infection." Six hours to 13 attendees.

April 18, 1983: Lecture presented at the State Meeting of the Minnesota Dental Association, Minneapolis MN: "Hydroxyl as a bone substitute in dentistry." Two hours to 40 attendees.

September 30, 1983: Lecture presented at the Methodist Hospital Dental Meeting, St. Louis Park MN: "The use of hydroxyl apatite in oral and maxillofacial regions." One hour to 10-15 attendees.

February 29, 1984: Lecture presented at the Twin Cities Oral Surgery Study Club: "The augmentation of atrophic alveolar ridges using synthetic bone substitute materials." One hour to 15-20 attendees.

March 27, 1984: Lecture presented at meeting in Marshall MN: "The use of hydroxyl apatite in dentistry." Two hours to 15-20 attendees.

May 1, 1984: Table Clinic presented at the State Meeting of the Minnesota Dental Association: "Interpore hydroxyl apatite granules and blocks as a ridge augmenting material." Two hours to 40-50 attendees.

May 11, 1984: Table Clinic presented at Open House Day, University of Minnesota School of Dentistry: "Current advances in oral and maxillofacial surgery." Two hours to 40 attendees.

May 18, 1984: Lecture presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Implantology and alveolar bone grafting procedures." Two hours to 125 attendees.

September, 1984: Videotaped presentation with Dr. D.E. Waite for the American Association of Oral and Maxillofacial Surgeons: "Hydroxyl apatite as an alveolar ridge implant and bone substitute material."

October, 1984: Lecture presented at the Medical and Surgical Update for the Dental Auxiliary, Continuing Education Course, University of Minnesota School of Dentistry: "Hydroxylapatite as a synthetic bone substitute material." One hour to 67 attendees.

April 9-11, 1985: Clinical demonstrations and two lectures presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," "Management of dental infection," and "Soft tissue injuries." Six hours to 13 attendees.

April 16, 1985: Table Clinic presented at the State Meeting of the Minnesota Dental Association: "Surgical management of TMJ disorders." Two hours to 40 attendees.

April 15-17, 1986: Clinical demonstrations and two lectures presented in the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," "Management of dental infection," and "Soft tissue injuries." Six hours to 42 attendees.

April 19, 1986: Lecture presented to Minneapolis MN: "Hydroxyl apatite blocks in the maxillofacial region." One hour to 2-30 attendees.

April 22, 1986: Table Clinic presented at the State Meeting of the Minnesota Dental Association: "Stabilization of particulate hydroxyl apatite mandibular ridge augmentation with red rubber catheter." Two hours to 40 attendees.

April 1-16, 1987: Clinical demonstrations and two lectures presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," "Management of dental infection," and "Soft tissue injuries." Six hours to 15 attendees.

April 11-13, 1988: Clinical demonstrations and two lectures presented at the Continuing Education Course, University of Minnesota School of Dentistry: "Clinical oral surgery for the general practitioner," "Clinical instruction for surgical removal of impacted third molars," "Management of dental infection," "Soft Tissue injuries," and "Dental implantology." Five hours to 45 attendees.

December 1-4, 1988: Three presentations of abstracts to the 3rd Bone Graft Meeting: Biology and Applications for Maxillofacial Indications, San Diego CA: "Hydroxyl apatite as a facial augmentation material." 15 minutes to 100 attendees. "Repair of alveolar cleft defects with hydroxyl apatite granules" 15 minutes to 100 attendees. And "Non-porous hydroxyl apatite as an alveolar ridge augmentation material: A long-term follow-up." 15 minutes to 100 attendees.

September 11, 1989: Lecture presented to Methodist Hospital's Study Club: "An overview of dental implants." One hour to 10-12 attendees.

December 8, 1989: Breakfast Seminar presented at the Mid-Winter Meeting, Minneapolis District of the Minnesota State Dental Association: "Patient-selection and dental implantology." One hour to 7 attendees.

February 2, 1990: Course Director, Oral Implantology: The Team Approach. Continuing Education Course, University of Minnesota School of Dentistry: "An overview of alveolar ridge reconstruction and surgical aspects of the Branemark implant." Two hours to 80 attendees.

October 19, 1990: Course Director and Surgical Instructor, Branemark Osseo integrated Hands-on Continuing Education Course for Specialists and General Practitioners, University of Minnesota School of Dentistry: "Surgical applications in prosthetic reconstruction." Four hours to 80 attendees.

October 20, 1991: Course Director and Surgical Instructor, Branemark Osseo integrated Hands-on Continuing Education for Specialists in Periodontology and Maxillofacial Surgery, University of Minnesota School of Dentistry. Four hours to 28 attendees.

May 4, 1992: Table Clinic presented at 1992 Star of the North Minnesota Dental Association Meeting: "Porous hydroxyl apatite granules and blocks as alveolar ridge augmentation material: A long-term follow-up."

October 31-November 1, 1992: Lecture on long-term follow-up for Surgical Techniques Using the Branemark System, hands-on program, University of Minnesota. Directed and/or participated in simulated surgical training, laboratory exercise, surgical hands-on demonstration, and live demonstration.

Invited Speaker

July 11-12, 1983: Lectures presented at the Azhar University School of Dentistry, Cairo, Egypt: "Management of alveolar cleft defect," "Maxillary deficiency," and "Facial asymmetry." Three hours, 25 attendees.

October 18, 1983: Lecture presented at 3M Company, St. Paul MN: "Current and future use of hydroxyl apatite material in dentistry." One hour to 8-12 attendees.

September 10-17, 1985: Four two-hour lectures presented at Cairo University School of Dentistry, Cairo, Egypt: "Hydroxyl apatite as a bone substitute material in maxillofacial regions," "Surgical management of mandibular deficiency," "Surgical management of alveolar cleft defects," and "Surgical management of anterior open bite." Total of eight hours to 30-40 attendees.

September 18, 1985: Lecture to the Egyptian Dental Clinical Association, Cairo, Egypt: "Preprosthetic surgery." Two hours to 30 attendees.

July 15, 1986: Two-hour lecture presented at Cairo University School of Dentistry, Cairo, Egypt: Management of temporomandibular joint disorders."

July 29 to August 3, 1986: Continuing Education Course given for the International Society of Mexican Hospital Oral and Maxillofacial Surgeons, Mexico City DF, Mexico: "Hydroxylapatite as a bone substitute material" (two hours), "Major preprosthetic surgery" (two hours), "Management of temporomandibular joint disorders" (two hours), "Management of alveolar cleft defects" (two hours), "Maxillary osteotomy in cleft palate patients" (one hour), and "Surgical management of anterior open bite" (one hour), total of ten hours to 80-90 attendees.

November 16, 1987: Lecture presented at Cairo University School of Dentistry, Cairo, Egypt: “Three-dimensional computerized tomography as a diagnostic tool for maxillofacial reconstruction.” Two hours to 40 attendees.

November 16, 1987: Lecture presented at El Maadey Military Hospital, Cairo, Egypt: “Hydroxyl apatite as a bone substitute material in dentistry.” Two hours to 15 attendees.

February 22, 1988: Lectures as consultant to the Graduate Program, Department of Oral and Maxillofacial Surgery, College of Dentistry, Dallas TX: “Porous and nonporous hydroxylapatite as bone substitute in maxillofacial repair,” “Interesting cases,” “Three-dimensional CT-reformation in maxillofacial surgical planning,” and “Proplast™ versus Silastic™ as mu disk replacement materials.” Six hours to eight graduate students, Fellows, and faculty.

November 24, 1988: Lectures as featured speaker for the Mexico City Dental Association Meeting, Mexico City DF, Mexico: “Preprosthetic surgery,” “Hydroxylapatite material as a synthetic bone substitute material,” “An overview of dental implants,” and “The Branemark implant.” Eight hours to 300 attendees.

January 21, 1989: Lecture at El Maadey Military Hospital, Cairo, Egypt: “The Branemark Implant.” Two hours to 15 attendees.

March, 1989: Lectures presented to residents and faculty at Baylor College of Dentistry, Dallas TX: “Hydroxylapatite as alveolar ridge augmentation material,” “Hydroxyl apatite as facial augmentation material,” and “Hydroxyl apatite as bone-grafting material for alveolar cleft repair.” Three hours to eight graduate students, Fellows, and faculty.

March, 1989: Lectures presented to staff and residents, especially in Oral and Maxillofacial Surgery, at Memorial Hospital, Dallas TX: “Utilization of synthetic hydroxyl apatite in various maxillofacial applications.” Two hours to 25-30 graduate students, Fellows, and faculty.

June 18-22, 1989: Invited speaker, Symposium on Ethics and Team Management of Cleft Lip and Palate, and presented three abstracts to the 6th International Congress on Cleft Palate and Craniofacial Deformities, Jerusalem, Israel: “Facial augmentation with different synthetic materials.” 45 minutes to 200 attendees.

November, 1989: Two lectures presented at the 5th International Dental Conference, Cairo, Egypt: “The utilization of porous HA in various maxillofacial applications and the utilization of Gortex membrane as a guided tissue regeneration membrane.”

March 14, 1990: Lecture to staff and residents in oral and maxillofacial surgery at Parkland Memorial Hospital, Dallas TX: “Management of cleft lip and palate patients.” One hour to 25 graduate students, Fellows, and faculty.

June 16, 1990: Invited featured speaker, two lectures to the European Association of Oral and Maxillofacial Surgeons in Training, Luxembourg: “Management of alveolar cleft defect: When and how?” and “Periodontal and endodontic evaluation of canines erupted through grafted alveolar cleft defects.” One hour each to 60-75 attendees.

November, 1991: Invited speaker, two lectures presented at the 6th International Dental Congress for the Egyptian Dental Association, Cairo, Egypt: “The utilization of porous hydroxyl apatite in various maxillofacial applications,” and “The utilization of customized total TMJ prosthesis.” 600 attendees.

May, 1993: Invited speaker, four-hour lecture on preprosthetic surgery. Presented at the 10th Mexican Society for Hospital Oral and Maxillofacial Surgeons, Vera Cruz, Mexico.

June, 1994: Invited speaker for two lectures, “The utilization of Gortex membrane as guided tissue regenerative membrane with dental implantology,” and “The utilization of hydroxylapatite in various maxillofacial applications.” Presented at the International Saudi Dental Conference, Jeddah, Saudi Arabia.

November, 1998: Invited speaker, presented 7 hours of lectures on “Management of TMJ,” “Management of TMJ patients,” and “Dental emergencies” to the Arab Dental Association, Los Angeles CA.

Lecture at the

Audio-Visual Aids Developed

-Developed 3000 slides to cover preprosthetic surgery, dental implantology, and the utilization of hydroxyl apatite in various maxillofacial applications, management of alveolar cleft repair, orthognathic surgery, temporomandibular joint disorders, and basic principles of exodontias (1984 to present).

-Videotape (two hours): El Deeb M, Waite DE: “Hydroxyl apatite as an alveolar ridge implant and bone substitute material.” Videotaped by the American Association of Oral and Maxillofacial Surgeons, September 1984.

Summary of Service

1. Patient-Related Service

In addition to treating patients in the Intramural Dental Program at the University of Minnesota Dental School, I have been taking staff-calls for emergency treatment from 1983-2009.

2. Dental Implant Administrative Activities

Dr. El Deeb served as a member of the Implant Program at the University of Minnesota Dental School since its initiation in 1986. I served as the Director of the Program from 1989 to 1991 and devoted 20% of my time to activities related to this program. As the Director, I administered and oversaw all the activities related to this program. These activities include monitoring the financial operation, overseeing undergraduate and graduate educational policies and activities, and overseeing research-related activities. Under Dr. El Deeb’s leadership, the Implant Program initiated short- and long-term goals for this new program that were submitted to the executive committee in July, 1989. Of the 12 goals proposed, the following were accomplished (in addition to treatment of patients, many of which were performed by Dr. El Deeb).

- a) Patient-records were standardized
 - b) A graduate course was developed by Dr. Hinrichs (Perio 8-305) for students in Perio-Pros Surge, very important for accreditation
 - c) Faculty and graduate students were structured
 - d) The undergraduate teaching program for Dental Implantology was developed to include eight lectures;
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didactic teaching is consistent with material on implantation offered at other institutions in the U.S.

- e) The U of MN is currently recognized as a Branemark Osseo integrated Implant Center
- f) Various pre-clinical and clinical research has been initiated
- g) Two Continuing Education Courses were developed and offered, one hands-on and one didactic, and a third is to be given.
- h) Income generated by the Implant Team increased 40% a year since its development, so that it is in the black and expects funds to increase 80% next year
- i) A plan to increase the patient-load was initiated
- j) A 40%-time Implant Coordinator is funded from the Implant budget and the first priority for the next year was to recommend hiring a full-time clinical coordinator for the program
- k) A second and third implant system was adopted.

Professional/Community-Related Service

Student Affairs Committee, Minority Affairs Sub-Committee Cairo, Egypt	1982- 1986
Research Committee (Animal Care Subcommittee)	1983-1984
Clinical Affairs Committee, Records Subcommittee	1984-1986
Public and Professional Relations Committee	1986-1990
Research Committee	1987-1989
Third-Year Class Committee	1988-1989
Five Search-Committees for two full-time faculty positions in the Department of Oral and Maxillofacial Surgery, including for chairman of the Division	1992-1993 1992-1993
Alternate Member to the Promotion and Tenure Committee	
Professor of the Year Selection Committee	1993
Selected to serve on Committee to Develop the Parameters of care for Evaluation and Treatment of Patients with Cleft Lip/Palate or Other Craniofacial Anomalies, by the American Cleft lip and Palate and Craniofacial Deformities.	

Community Related Service

a) Union Gospel Mission, 1982-1998

Since 1982, Dr. El Deeb has been Director of the Dental Clinic at Union Gospel Mission, which serves the indigent population of the Twin Cities at no cost or low cost. The duties of the Director involve scheduling of volunteer dentists who supervise dental students and provide free dental care to the homeless and disadvantaged, as well as making policy decisions regarding the operation of the clinic, acting as a liaison between the clinic, students, and faculty, and procuring equipment for the clinic. The clinic treats on the average 500 patients a

year. To date, this clinic has treated more than 5000 needy patients under Dr. El Deeb's leadership. Dr. El Deeb received the Union Gospel Mission's Dental Service Award in 1986 and 1991.

b) American Heart Association

For the American Heart Association, Dr. El Deeb has been Instructor in Basic and Advanced Cardiac Life Support, since 1981. He has also served as Instructor-Trainer in Basic Cardiac Life-Support from 1982-1996. He participated in multiple courses to teach basic cardiac life-support to faculty, undergraduate students, dental assistants, and personnel from the community. In addition to teaching the undergraduate students at the University of Minnesota their basic cardiac life-support from 1980 to 1985, he taught the following courses:

- Basic Cardiac Life-Support Course for Physicians at Methodist Hospital, Minneapolis MN, April 23, 1979.
- Cardiac Life-Support Recertification (basic instructor of five certified instructors), given to U of MN Dental School instructors, January 15, 1983.
- Cardiac Life-Support Recertification (basic instructor of three certified instructors), given to U of MN School of Dentistry, April 10, 1983.
- Basic Cardiac Life-Support Course for certifying graduate students, faculty, and staff of the U of MN School of Dentistry, Department of Oral and Maxillofacial Surgery, July 5, 1984.
- Basic Cardiac Life-Support Instructors' Course. Recertified three instructors in Basic Cardiac Life-Support. University of Minnesota School of Dentistry, October, 1984.
- Basic Cardiac Life-Support Course for certifying graduate students, dental assistants, and staff of the Dept of Oral and Maxillofacial Surgery, University of Minnesota, July 11, 1985.
- Basic Cardiac Life-Support Instructors' Course. Upgraded two instructors in basic cardiac life-support. University of Minnesota School of Dentistry, July 18, 1985.
- Basic Cardiac Life-Support Course for certifying all dental assistants, instructors, and graduate students at the Department of Oral and Maxillofacial Surgery, School of Dentistry, University of MN, August 21, 1986.
- Basic Cardiac Life-Support Instructors' Course. Certified two instructors in basic cardiac life-support, University of Minnesota School of Dentistry, June 30, 1987.
- Basic Cardiac Life-Support Instructors' Course. Certified two instructors in basic cardiac life-support, University of Minnesota School of Dentistry, August 16, 1988.
- Basic Cardiac Life-Support Instructors' Course. Certified two faculty members in basic cardiac life-support, University of Minnesota School of Dentistry, December 6, 1989.
- Basic Rescue Course. Certified one faculty member, University of Minnesota School of Dentistry, June 4, 1990.
- Basic Rescue Course. Certified ten dental assistants, two oral surgeons, November 1999.

c. Participation in Professional Activities

- Co-Chairman for the International Symposium in Management of Cleft Lip and/or Palate and Orofacial Deformities, Cairo, Egypt June 24-26, 1989
 - Coordinator of the Basic Science Session for the 5th International Congress on Cleft Palate and Related Craniofacial Anomalies, Monte Carlo, Monaco
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-President, American Society of Dental Anesthesiology, Upper Midwest Section (Minnesota, Iowa, North Dakota, and South Dakota)

-Sept 2-7 1985 and 1986-1989: Member of Committee on Scientific Program for meetings of the American Cleft Palate Association

-Co-Chairman of the Mineralized Tissue Scientific Sessions for the IADR meeting, Toronto, Canada

-Member of the Nominating Committee for the American Cleft Palate Foundation

-Co-Chairman of the Mineralized Tissue Scientific Session for the AADR meeting, San Francisco CA

-Chairperson of the free papers for the Surgical Research Session, 6th International Congress of Cleft Palate and Related Craniofacial Anomalies, Jerusalem, Israel. 1998

-Co-Chairman and Organizer for the International Symposium in Management of Cleft Lip and Palate and craniofacial Deformities, Cairo, Egypt, 1998.

-Co-Chairman and Organizer for the International Symposium in Management of Cleft Lip and Palate and craniofacial Deformities, Athena, Greece, Egypt, 1998

1. Member, Special Committee on Cleft Lip and Palate and Craniofacial Deformities for the American Association of Oral and Maxillofacial Surgeons, 1989-1991
2. Vice-President and Member, Board of Directors, American Cleft Palate and Craniofacial Deformities Association, 1990-1991
3. Member, Dan Waite Leadership Committee, 1990-2004
4. Chairman for the American Cleft Palate and Craniofacial Deformities Association for the Annual Meeting in South Carolina, March 1991.
5. Member, Consensus Conference on Parameters of Care for Patients with Cleft Palate Craniofacial Deformities, 1991
6. Conference Call Consultant to FDA on Future Management of Proplast Complications in Tempromandibular Joints (one of five clinicians selected by the FDA for the consultation)
7. Chairman for the American Cleft Palate – Craniofacial Association, for the Annual Meeting Program in South Carolina, March 1991
8. Chair, Keynote Session, American Cleft Palate – Craniofacial Association, 48th Annual Meeting, South Carolina, March 18, 1991.

References

1-Elgene Mainous DDS: Past professor and Chairman Department of oral and Maxillofacial surgery university of Minnesota School of Dentistry, Professor of Oral and Maxillofacial surgery University of Texas at Galveston.

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