

Dennis G. Smiler, D.D.S., M.Sc.D.

Office Address

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Sherman Oaks, California 91423

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Military

Captain, Army Dental Corps
98th General Hospital, Germany
1964 - 1966

Education

High School:

Westchester High School, California – 1957

College:

University of Southern California, 1957 – 1959
Los Angeles State College, 1958 - 1960

Dental School:

University of Pennsylvania, 1960 - 1964

Graduate School:

Boston University
School of Graduate Dentistry, 1966 – 1967
Masters of Science Degree in Dentistry

Internship and Residency:

Roosevelt Hospital, New York 1967 - 1969

Professional memberships

President (1993)
Western District, American Academy Implant Dentistry

Director, Implant Team System Seminars and Study Clubs

Southern California Society Oral and Maxillofacial Surgeons

American Society of Dental Anesthesia

California Dental Association

Past President: Southern California Academy of Oral Pathology

Past President: Alpha Omega Dental Fraternity, alumni chapter

American Academy of Implant Dentistry

International Congress of Oral Implantology

American Congress of Oral Implantology

Academy of Osseointegration

American Dental Association

Teaching Positions

Former:

Associate Professor Oral & Maxillofacial Surgery
Division of Surgery
Drew Medical Center
1993 - 1996

Visiting Lecturer/Instructor
Loma Linda University
Department of Oral Implantology
1991 - 1998

Assistant Clinical Professor Oral Surgery
University of Southern California
1972 - 1978

Tumor and Diagnostic Board
USC School of Dentistry
1970 - 1980

Hospital Affiliations

St. Joseph Hospital, 2010 - present

Children's Hospital Los Angeles, 1971 – 1980

Sherman Oaks Hospital, 1973 – present

Midway Hospital, 1970 - present

Accreditations

Diplomate of the:

American Board of Oral and Maxillofacial Surgery, 1974
American Society of Osseointegration;
International Congress of Oral Implantology

Fellowship

Fellow of the:

Honored Fellow, American Academy Implant Dentistry
American Society of Dental Anesthesia
Southern California Academy of Oral Pathology
International Association of Oral Surgeons
International Congress of Oral Implantology
American College of Oral Implantology

Research Projects

1. Evaluation of the electrophoretic and immuno-electrophoretic changes in the blood selectively taken while attempting to produce squamous cell carcinoma in guinea pigs.
2. Evaluation of protein differences between normal hamster mucosa and squamous cell carcinoma experimentally produced in the hamster cheek pouch.
3. Evaluation of the interaction of 9, 10-dimethyl 1,2 benzanthracene (DMBA) with tissue proteins.
4. Evaluation of Factors Relating to the Use of Tritiated Thymidine in the Autoradiographic Interpretation of Tumor proliferation
5. Evaluation of Effects of Desalivation on Experimentally Induced Carcinogenesis in the Hamster Cheek Pouch."
6. Histomorphometric Analysis of Bone Graft Scaffold Combined with Bone Marrow Aspirate.
7. Clinical studies comparing different bone grafts materials mixed with bone marrow aspirant in sinus lift procedures, anterior and posterior segments.
8. Clinical CD markers studies of stems cells, cytokines, and growth factors in the bone marrow and peripheral blood.
9. Research collaboration with Harbor UCLA oral surgery on the therapeutic efficacy of bone marrow aspiration technique.

Publications

1. FACTORS RELATING TO THE USE OF TRITIATED THYMIDINE IN THE AUTORADIOGRAPHIC INTERPRETATION OF TUMOR PROLIFERATION. *Oral Surg Oral Med Oral Pathol.*, 29:120-9, 1970
2. EFFECTS OF DESALIVATION ON EXPERIMENTALLY INDUCED CARCINOGENESIS IN THE HAMSTER CHEEK POUCH. *Oral Surg Oral Med Oral Pathol.*, 30:838-45, 1970
3. SIGN AND SYMPTOMS OF ZYGOMATICOMAXILLARY FRACTURES INVOLVING THE ORBIT, *J Oral Surg.*, 29:103-6, 1971.
4. THE GOLD PLATE TECHNIQUE FOR CLOSING ORO-ANTRAL OPENING, *J. Southern Calif. Dent Assoc.*, 40:122-8, 1972.
5. SURGICAL CORRECTION OF MAXILLARY PROTRUSION, *J. Southern Calif. Dent Assoc.*, 40:623-9, 1972.
6. DERMAL GRAFT--A VERSATILE TECHNIQUE FOR ORAL SURGERY., *Oral Surg Oral Med Oral Pathol.*, 43:342-9, 1977.
7. SINUS LIFT PROCEDURE USING POROUS HYDROXYLAPATITE: A PRELIMINARY CLINICAL REPORT. *J. Oral Implantology*, 13:239-53, 1987.
8. IMPLANTS: EVALUATION AND TREATMENT PLANNING, *J. Calif. Dental Ass.*, 15:35-41, 1987.
9. SINUS LIFT GRAFTS AND ENDOSSEOUS IMPLANTS. *Dent Clinics of North America*, 36:151-188, 1992.
10. SEVERE VERTICAL BONE LOSS: A TEAM APPROACH TO ESTHETICS AND FUNCTION. *Esthetic Dentistry Update*, Vol. 3, No 5, October 1992.
11. REPOSITIONING THE INFERIOR ALVEOLAR NERVE FOR PLACEMENT OF ENDOSSEOUS IMPLANTS: Technical Note, *International Journal of Oral & Maxillofacial Implants*, Vol. 8, 2:145-150. 1993
12. PROPER FUNCTION, PHONETICS, AND AESTHETICS ACHIEVED WITH IMPLANT SUPPORTED RESTORATION: A MULTIDISCIPLINARY APPROACH. , *Practical Periodontics and Aesthetic Dentistry*, *International Journal of Dental Symposia*, Vol III, No 1, 1992.
13. BONE GRAFTING: MATERIALS AND MODES OF ACTION. *Practical Periodontics and Aesthetic Dentistry*, 4:413-416.
14. SMALL-SEGMENT SYMPHYSIS GRAFT: AUGMENTATION OF THE MAXILLARY ANTERIOR RIDGE. *Practical Periodontics and Aesthetic Dentistry*, 5:479-484.
15. TREATMENT OF THE ADOLESCENT TRAUMA PATIENT WITH ENDOSSEOUS IMPLANTS: A CASE STUDY, *Practical Periodontics and Aesthetic Dentistry*, 4:19-23.
16. The Sinus Lift Graft: Basic Technique and Variations, *Practical Periodontics and Aesthetic Dentistry*, Vol. 8, 8:885-893, 1997
17. TREPHINE BONE CORE SINUS ELEVATION GRAFT, *Implant Dentistry*, Vol. 13, 148-152, 2004 (Soltan M. & Smiler D.)
18. ANTRAL MEMBRANE BALLOON ELEVATION, *Journal Oral*

- Implantology, Vol. 3, 85-90, 2005 (Soltan M. & Smiler D.)
19. A NEW "PLATINUM" STANDARD FOR BONE GRAFTING: AUTOGENOUS STEM CELLS, Implant Dentistry, Vol. 14, 322-325, 2005 (Soltan M. & Smiler)
 20. THE BONE-GRAFTING DECISION TREE: A SYSTEMATIC METHODOLOGY FOR ACHIEVING NEW BONE, Implant Dentistry, Vol. 15, 122-128. 2006. (Smiler D. & Soltan M.)
 21. BONE MARROW ASPIRATION: TECHNIQUE, GRAFTS, AND REPORTS, Implant Dentistry, Vol. 15, 229-234, 2006. (Smiler D. & Soltan M.)
 22. A HISTOMORPHOGENIC ANALYSIS OF BONE GRAFTS AUGMENTATION WITH ADULT STEM CELLS. Implant Dentistry, Vol 16, 42-53. 2007(Smiler D & Soltan M)
 23. Implant DVD-ROM Sinus Graft Surgery Chapter, Loma Linda University Ca. 2007
 24. Soltan M, Smiler D, Prasad H, Rohrer MD. BONE BLOCK ALLOGRAFT IMPREGNATED WITH BONE MARROW ASPIRATE. Implant Dentistry, Vol 16,329-339. 2007.
 25. MAXILLOFACIAL, SURGERY, second edition, edited by Raymond J Fonseca. Maxillary Sinus Lift and Implants, Saunders, Elsevier Inc.2008.
 26. Smiler D, Soltan M, Albitar M. Toward the identification of mesenchymal stem cells in bone marrow and peripheral blood for bone regeneration. Implant Dent. 2008 Sep;17(3):236-47.
 27. Soltan M, Smiler D, Choi JH. Bone marrow;Orchestrated cells, cytokines, and growth factors for bone regeneration,Implant Dent 2009 Apr;18(2):132-141.
 28. Soltan M, Smiler D, Soltan C. The inverted periosteal flap : A source of stem cells enhancing bone regeneration. Implant Dent,2009;18(5):373-377.
 29. Smiler DG, Soltan M, Soltan C, Mathews C. Growth factors and gene expression of stem cells: Bone marrow compared with peripheral blood. Implant Dent.2010;19(3):229-240.
 30. Soltan M, Smiler D, SoltanC,Prasad H, Rohrer, M. Bone grafting by means of a tunnel dissection: Predictable results using stem cells and matrix. Implant Dent.2010;19(4):280-285

IMPLANT DIGEST ARTICLES:

1. Osteointegrated implants in sinus lift surgery in-patients with severe resorption of the maxilla. Summer, 1988.
2. Biomechanics in implant dentistry. Fall, 1988.
3. Treatment of the severely atrophic maxilla. Winter, 1988.
4. Alveoform biograft for deficient alveolar ridge augmentation. Spring 1989.
5. Why implants fail. Fall, 1989.
6. Treatment of the atrophic maxilla with sinus-lift grafting and implants. Fall, 1989.
7. Implants: better than free-end saddle partial dentures. Winter, 1989.
8. The use of a surgical splint for surgical/prosthetic treatment planning. Spring, 1990.
9. Fixed-removable implant system. Spring, 1990.
10. Why implants fail: Failure of the single tooth implant. Summer, 1990.
11. Socket-lift procedure with immediate placement of an implant in an extraction socket. Summer, 1990.
12. Restoring the failing dentition. Fall, 1990.
13. Implantology and fixed crown and bridge restorations. Winter, 1990.
14. Solving the problems of the edentulous atrophic maxilla. Spring, 1991.
15. Mandibular nerve repositioning for placement of implants. Summer, 1991.
16. Anatomy of an implant case failure. Summer, 1991.
17. Single tooth implant restorations of missing posterior teeth. Summer, 1991.
18. Alveolar ridge augmentation using PermaRidge. Fall, 1991.
19. Fixed prosthetic reconstruction of the maxillary and mandibular arches with hydroxylapatite coated cylinder implants. Winter, 1991.
20. Sandwich graft of the atrophic maxillary ridge and placement of implants. Winter, 1991.
21. Using calcium sulfate with grafting of immediate extraction sites prior to placement of implants. Spring, 1992.
22. Hydroxylapatite-coated blade implants to support mandibular fixed crown and bridges. Spring, 1992.
23. Prosthetic reconstruction of severe maxillary atrophy, Summer, 1992.
24. Fixed bridge and palatal graft to reconstruct the partially edentulous maxilla, Summer, 1992.
25. Tips for insurance claim approval. Fall, 1992.
26. Immediate implant placement into a maxillary extraction site with

- crown restoration. Fall, 1992.
27. Removable implant-supported full maxillary denture. Winter, 1992-1993.
 28. Grafting the extraction site: in preparation for implant placement. Spring, 1993.
 29. Grafting the anterior maxilla with a cortico-cancellous on-lay graft and bovine porous resorbable hydroxylapatite. Summer, 1993.
 30. Prosthetic reconstruction of the atrophic posterior maxilla: A surgical solution to a prosthetic problem. Fall, 1993.
 31. Management of gingival hyperplasia and maxillary implants Fall, 1993.
 32. Informed consent for prosthetic implant treatment. Winter, 1993-1994.
 33. Xenograft and autogenous bone used to augment the anterior mandible: In preparation for implant placement. Winter, 1993-1994.
 34. Grafting of exposed implants with Xenograft and freeze-dried demineralized bone and fascia lata membrane. Spring, 1994.
 35. Submergible blade implant for crown and bridge: Reconstruction of the partially edentulous mandible. Summer 1994.
 36. On-lay bone grafting to the anterior maxilla. Fall, 1994.
 37. Bone spreading: An alternative method for implant placement. Fall, 1994.
 38. Combined sinus lift and allogeneic on-lay graft to treat the atrophic posterior maxilla. Winter, 1994-1995.
 39. The simple mandibular implant overdenture. Winter, 1994-1995.
 40. Mandibular implant reconstruction for the oral/facial trauma patient. Spring, 1995.
 41. Treatment planning for fixed crown and bridge prostheses. Spring, 1995.
 42. Part II: Bone spreading implant placement technique into combined sinus lift and allogeneic on-lay grafts. Summer, 1995.
 43. Placement of an anterior single implant with bone expansion and graft: Case report. Summer, 1995.
 44. Immediate bone and gingival graft: Saving bone volume and keratinized tissue at the implant site. Fall, 1995.
 45. On-lay chin graft to maxilla. Fall, 1995.
 46. Implant surgery: Back to basics, Fall, 1995.
 47. Grafting the posterior mandible and reconstruction with fixed crown and bridge. Spring, 1996.
 48. Immediate implant placement with grafting and reconstruction with fixed crown and bridge. Spring, 1996.
 49. Guided tissue regeneration with non-resorbable membrane. Spring, 1996.
 50. Part III: Fixed crown and bridge reconstruction with Steri-Oss implants

placed into combined sinus-lift and allogeneic on-lay grafts. Summer, 1996.

51. Bone grafting and establishing a zone of attached gingiva for implants supporting a fixed mandibular bridge. Summer, 1996.
52. Sinus lift operation: Maxillary posterior bone site preparation for implant reconstruction. Fall/Winter, 1996.
53. Pre-implant surgical preparation for optimum maxillary anterior esthetics. Fall/Winter, 1996.

Lectures and Seminars

Domestic Lectures (partial list)

American Academy of Implant Dentistry
Academy of Oral & Maxillofacial Surgeons
American Academy of Osseointegration
International Congress of Oral Implantologists.
Korean Dental Society University of Washington
Loma Linda University
Live Patient Surgical Seminars – Office
New York University
Mini-Residency (4-month / 10 day program NobelBiocare)
Oregon Dental Society annual meeting
Tufts University
University of Buffalo
University of Tennessee
University of the Pacific
Washington University- St. Louis

International Lectures (partial list)

Academia of Implantology, Buenos Aires, Argentina
Academia Brasileira de Osseointegracao,
Sao Paulo, Rio de Janeiro, Curitiba, Fortaleza, Brazil
Implant Study Seminars; Athens, Greece
Japanese Implant Society and Study Clubs, Tokyo, Japan
Paris, France Brussels, Belgium Bogota, Columbia
Caracas, Venezuela Santiago de Chile, Chile Stuttgart, Germany
Norway Holland Sweden
Milan, Rome, Italy Madrid, Barcelona, Marbella, Valencia, Spain

Lecture Presentations

Lecture Topics

BASIC SURGERY
BIOLOGIC WIDTH AND IMPLANT PLACEMENT DESIGN
BIOMECHANICS
BLADE IMPLANTS
BONE GRAFTING: PRINCIPLES AND MATERIAL
BONE SPREADING TECHNIQUES FOR IMPLANT PLACEMENT
CONTROVERSIES IN IMPLANT DENTISTRY; TITANIUM OR HYDROXYLAPATITE
LIP-SWITCH OPERATION
MEMBRANES: RESORBABLE AND NON-RESORBABLE
NERVE REPOSITIONING
ON-LAY BONE GRAFTS
PALATAL GRAFTING FOR IMPLANT RECONSTRUCTION
PARTICULATE BONE GRAFTING FOR THE MAXILLA AND MANDIBLE
RIDGE AUGMENTATION TECHNIQUES
SELECTED IMPLANT CASES: PRESENTATION AND DISCUSSION
SINUS GRAFT FAILURES AND TREATMENT
SINUS LIFT AND GRAFT OPERATION
SMALL SEGMENT CHIN GRAFTS TO THE MAXILLA
SOCKET LIFT AND GRAFT
SPLIT CORTICAL GRAFT
STERI-OSS IMPLANT SYSTEM AND CASES
TREATMENT PLANNING THE IMPLANT PATIENT

Birth Date

June 30, 1939

Marital Status

Married – June 26, 1960: wife - Anne Linda
Two children:
David, June 6, 1969
Ellen, July 22, 1970