

PHILIP J. BOYNE
e-mail: pboyne@llu.edu

PRESENT POSITION: Professor Emeritus, Department of Oral and Maxillofacial Surgery
School of Dentistry, Loma Linda University, Loma Linda, CA

Professor, Attending Staff, Division of Plastic and Reconstructive
Surgery, Department of Surgery, Loma Linda university Medical
Center, Loma Linda, CA

PAST POSITIONS:

7/2001 – 7/2002	Interim Program Director, Department of Oral and Maxillofacial Surgery, School of Dentistry, Loma Linda University
1979 – 2003	President, American Institute of Oral Biology
1996 – 1999	Member, Board of Directors, American Cleft Palate-Craniofacial Foundation
1999 – 2001	President, American College of Oral and Maxillofacial Surgeons
1995 – 1997	Vice President
1982 – '83	President, American Board of Oral and Maxillofacial Surgery
1980 – present	Attending Staff, Oral and Maxillofacial Surgery Service, Loma Linda University Medical Center, Riverside County Regional Medical Center, and Arrowhead Regional Medical Center
1978 – 1995	Professor, Oral and Maxillofacial Surgery, School of Medicine, Loma Linda University Medical Center
1978 – 1995	Director of Graduate Training and Chief of Service, Oral and Maxillofacial Surgery, Loma Linda University Medical Center
1978 – 1986	Clinical Research Professor, Department of Surgery, University of Miami, School of Medicine, Miami, FL
1976 – 1984	Member, Board of Directors, American Board of Oral and Maxillofacial Surgery
1973 – 1978	Professor, Department of Surgery, University of Texas Health School Center, San Antonio, TX
1974 – 1977	Dean, University of Texas Dental School at San Antonio, TX
1971 – 1974	Assistant Dean for Clinical & Hospital Affairs, UCLA School of Dentistry
1968 – 1974	Chairman, Division of Oral Surgery, School of Dentistry, UCLA
1968 – 1974	Professor, Department of Surgery, UCLA School of Medicine

EDUCATION:

1944 – 1946	B.A., Colby College, Waterville, Maine
1947	D.M.D., Tufts University School of Dental Medicine, Boston, MA (Cum Laude), Graduate 2 nd in class
1954 – 1955	Resident, Oral and Maxillofacial Surgery, U.S. Naval Dental School (Post-graduate Study), U.S. Naval Medical Center, Bethesda, MD
1960 – 1961	M.S., Georgetown University, Graduate School, Washington, D.C.
1961 – 1962	Resident, Oral and Maxillofacial Surgery, U.S. Naval Medical Center, Bethesda, MD
1976	D.Sc. (h.c.), University of Medicine and Dentistry of New Jersey

HONORS

2006	Isaiah Lew Memorial Research Award, American Association of Implant Dentistry (October, 2006)
2006	2006 Daniel M. Laskin Award, Oral and Maxillofacial Surgery Foundation (September, 2006)
2006	Distinguished Research Award, Loma Linda University School of Dentistry (May, 2006)
2001	Pierre Fauchard Honor Award, Pierre Fauchard Academy (April, 2001)
2000	Faculty of the Year Award, Division of Plastic and Reconstructive Surgery, Loma Linda University Medical Center (June, 2000)
1999	Distinguished Service Award, Southern California Society of Oral and Maxillofacial Surgeons (January, 1999)
1998	Distinguished Faculty Award, Loma Linda University School of Dentistry (May, 1998)
1994	Honors of the Association, Highest honor given by the American Cleft Palate-Craniofacial Association (May, 1994)
1993	W. Harry Archer Award, Highest Award given by The American College of Oral and Maxillofacial Surgeons
1988	Distinguished Alumnus Award, Colby College, ME
1985	Research Recognition Award for Contribution to the Specialty and the Profession, American Society of Oral and Maxillofacial Surgeons
1981	Winner of the Audiovisual Award of the Year for Film “Cleft Palate Grafting”
1976-1983	Board of Directors of American Board of Oral and Maxillofacial Surgery, Secretary-Treasurer '78-'81; Vice President '81-'82; President '82-83
1977	Outstanding Achievement for Teaching by an Individual Faculty Member, awarded by the Student body of the University of Texas Dental School, San Antonio, TX

- 1976 Doctor of Science (Honoris Causa), University of Medicine and Dentistry of New Jersey (June, 1976)
- 1975 Winner of the Bone Grafting Audiovisual Award of the Year for film "Cleft Palate Bone Grafting"
- 1966-1973 Examiner, American Board of Oral and Maxillofacial Surgery
- 1964 Winner of the Research Award of the Year, American Society of Oral and Maxillofacial Surgeons
- 1947 Graduate 2nd in class, Tufts University School of Dental Medicine
- 1947 Omicron Kappa Upsilon (Dental Honor Society)

BOARD OF CERTIFICATONS:

- 1962 American Board of Oral and Maxillofacial Surgery

HOSPITAL STAFF POSITIONS:

- Member Full-time Teaching Staff*, Department of Surgery, Loma Linda University Medical Center (Full privileges in Oral and Maxillofacial Surgery)
- Member Staff*, Oral and Maxillofacial Surgery Service (Full privileges in Oral and Maxillofacial Surgery), Arrowhead Regional County Medical Center, San Bernardino, CA
- Member Visiting Staff*, Eastern Maine Medical Center, Bangor, ME

EXTRAMURAL COMMITTEE MEMBERSHIPS:

Present:

- 1993 - Member, Team Standards Committee, American Cleft Palate-Craniofacial Association
- 1974 - Member, Committee on Non-Destructive Testing (E07.03), American Society for Testing and Materials
- 2002 - Member, California Association of Oral and Maxillofacial Surgeons Legislative Committee

Past:

- 1978 – 1981 Chairman, Operations Committee for Study of Hepatitis in Dental Practice, Veterans Administrations, Central Office, Washington, D.C.
- 1976 – 1988 Member, Editorial Board, Post-Graduate Medicine
- 1976 – 1980 Chairman, Education and Program Committee, American Association of Tissue Banks
- 1974 – 1978 Board of Directors, Southern Texas Health Education Center
- 1974 – 1975 Special Workshop Panel, Research in Orthognathic Surgery, NIDR, NIH
- 1972 – 1979 Member, Review Panel ADA Fund for Dental Health

1972 – 1975	Member, Research Merit Review Board in Oral Biology Veterans Administration, Washington, D.C.
1972 – 1974	Chairman, Committee on Education on Surgical Procedures, Southern California Society of Oral Surgeons
1970 – 1973	Member, Veterans Administration, Cell and Tissue Biology Research Evaluation Committee
1970 – 1971	Member, Oral Biology Training Committee, Veterans Administration, Washington, D.C.
1970 – 1974	Member, Cell and Tissue Biology Research Evaluation Committee, Veterans Administration, Washington, D.C.
1970 – 1982	Research Section Editor, <u>Journal of Oral and Maxillofacial Surgeons</u>
1970 – 1974	Consultant, Council on Dental Education, American Dental Association
1969 – 1972	Chairman, Committee on Research, American Society of Oral Surgeons
1969 – 1973	Member, Board of Directors, Attending Staff, Harbor General Hospital, Torrance, CA
1969 – 1970	Veterans Administration, Muscular, Skeletal and Connective Tissue Research and Evaluation Committee, Washington, D.C.
1968 – 1973	Member, Committee on Research, American Society of Oral Surgeons
1968 – 1970	Member, Veterans Administration Dental Research and Education Training Committee
1966 – 1972	Member, Advisory Committee, American Board of Oral Surgery

UNIVERSITY COMMITTEE MEMBERSHIPS:

1994 – present	Member, Research Committee, School of Dentistry, Loma Linda University
1986 – 1989	Utilization Review Committee, Loma Linda University Medical Center
1989 – 1995	Coordinator, Oral and Maxillofacial Area of the Dentistry Program, Graduate School, Loma Linda University
1979 – 1998	Member, Operating Room Committee, Loma Linda University Medical Center
1978 – 1995	Member, Graduate Medical Education Committee, Loma Linda University Medical Center
1978 – 1995	Member, Graduate Committee, School of Dentistry, Loma Linda University
1971 – 1974	Member, UCLA Hospital Operating Room (Standing) Committee
1971 – 1974	Chairman, UCLA Dental Operating Room Subcommittee Member, UCLA Clinical Series Criteria Committee
1971 – 1972	Member, Advisory Committee, Veterans Administration Extended Care Hospital, UCLA

1970	Chairman, Ad Hoc Committee for Administrative and Divisional Restructuring, UCLA
1970	Member, Special Search Committee for Director, Dental Research Institute, UCLA
1970 – 1974	Member, Hospital Pharmacy Committee, UCLA Medical Center
1970 – 1971	UCLA Faculty Secretary; Chairman, Search Committee for Oral Surgery Director, Charles Drew Medical School and Martin Luther King Hospital, Los Angeles, CA
1969 – 1974	Member, UCLA Faculty Council
1969 – 1970	Chairman, Committee for the Consideration of Faculty Personnel Proposals, UCLA
1968 – 1970	Member, Area Assignments Committee, UCLA
1968 – 1973	Member, Intern and Residency Program Committee, UCLA
1968 – 1969	Member, Committee on Clinical Research and Investigation Involving Human Subjects, UCLA
1968 – 1969	Member, Curriculum Committee, UCLA

**PAST ACADEMIC AND
PROFESSIONAL POSITIONS HELD:**

1949 – 1968	Service, U.S. Navy, Final Grade Held – Captain, Dental Corps
1947 – 1949	Instructor, Department of Anatomy, Tufts University School of Dental Medicine
1947 – 1949	Private Practice, Cambridge, Massachusetts

NAVAL SERVICE:

1949 – 1953	General Dentistry and Oral Surgery, Naval Hospital, Bremerton, Washington
1954 – 1955	Resident, Oral Surgery, Naval Dental School, National Naval Medical Center, Bethesda, MD
1955 – 1957	Investigator, Oral Surgery Research, Naval Medical Research Institute, NNMC, Bethesda, MD
1957 – 1960	Oral Surgery, U.S. Naval Dental Clinic, Washington, D.C.
1961 – 1962	Resident, Oral Surgery and Staff, Department of Oral Surgery, Naval Dental School, NNMC, Bethesda, MD
1962 – 1963	Chief, Dental Service, U.S. Navy Hospital, Key West, FL
1964 – 1968	Chairman, Dental Research Department, Naval Medical Research Institute, National Naval Medical Center, Bethesda, MD
1968	Retired

**POST NAVAL
ACADEMIC POSITIONS:**

1968 – 1974	Professor, UCLA School of Dentistry and School of Medicine
1970 – 1974	Member, Attending Staff, Veteran's Hospital, Wadsworth, Los Angeles, CA
1971 – 1974	Member, Attending Staff, Veteran's Hospital, Sepulveda, Los Angeles, CA
1971 – present	Member, Attending Staff, San Bernardino County Medical Center, San Bernardino, CA
1972 – 1974	Member, Attending Staff, Martin Luther King, Jr. Hospital, Los Angeles, CA
1973 – 1978	Professor, University of Texas Health Center, San Antonio, TX
1978	Professor, Loma Linda University Medical Center
1978	Chief and Director, Oral and Maxillofacial Surgery, Loma Linda University School of Dentistry

PROFESSIONAL SOCIETIES:

1976 – 1983	Member, Board of Directors, American Board of Oral and Maxillofacial Surgery (7-year term, elected 1976); and President 1982 – 1983
1967 – 1975	Examiner, American Board of Oral and Maxillofacial Surgery
1962 – present	American Society of Oral and Maxillofacial Surgery
	Fellow – Omicron Kappa Upsilon
	Fellow – American Association of Oral and Maxillofacial Surgeons (#02879)
	Fellow – American College of Oral and Maxillofacial Surgeons
	Life Fellow – Int'l Association of Oral and Maxillofacial Surgeons (#2637)
	Life Fellow – California Association of Oral and Maxillofacial Surgeons (1/1/00)
	Member – American Cleft Palate-Craniofacial Association (#10132)
	Member – American Society of Testing and Materials (#AA1390400)
	Member – American Trauma Society (#814522)
	Member – The International Congress of Oral Implantologists
	Member – National Association of Seventh-Day Adventist Dentists
	Member – California Society of Oral and Maxillofacial Surgeons
	Member – Society for Biomaterials
	Member – Southwest Society of Oral and Maxillofacial Surgeons
	Member – Materials Research Society
	Life Member – American College of Dentists (#0003051)
	Life Member – International Association for Dental Research (#00131251)
	Life Member – American Associations for Dental Research (#00131251)
	Life Member – American Dental Association (#120-47-0597)
	Life Member – International College of Dentists

LICENSURE: Maine
Massachusetts
Texas
Oklahoma
California (Special Permit)

FIELDS OF INTEREST:

Oral and maxillofacial surgery
Bone growth and repair, morphology of alveolar bone healing
Histopathologic studies of osteogenesis
The use of osseous implant materials in surgery
Bone transplantation procedures and cryopreservation of tissues for grafting
Bone response to metallic implants
Evaluation of bone inductor materials
Use of neutron radiographic techniques in the study of osseous pathology

PROFESSIONAL LITERATURE:

1. Boyne PJ. Dens in Dente: Report of three cases. *JADA*, Vol 45:209;8-209, 1952.
2. Boyne PJ. Supernumerary maxillary incisors – Incidence Report. *Oral Surg Oral Med and Oral Path* 7:901-905, 1954.
3. Boyne PJ and Borges M. Fractura do Malar. *Revista Naval de Odontologia* 2:13-23, July-Sept 1955.
4. Boyne PJ. Gemination: Report of two cases. *J Am Dent Assoc* 50(2):194, Feb 1955.
5. Boyne PJ. Comparison of oral calculus deposition in ship and shore based personnel. *U.S. Armed Forces Med J* 6:210-216, 1955.
6. Boyne PJ. Treatment of extravasation cysts with freeze-dried homogenous bone grafts. *J Oral Surg*, 14:206-212, 1956.
7. Boyne PJ and Losee FL. Response of oral tissues to grafts of ethylene-diamine-treated heterogenous bone. *Nature* 179-818, 1957.
8. Boyne PJ and Losee FL. Response of oral tissues to grafts of ethylene-diamine-treated heterogenous bone. *Research Report – Naval Medical Research Institute*, May 3, 1957.
9. Boyne PJ. Use of freeze-dried homogenous bone grafts in the surgical positioning of teeth. *J Oral Surg* 15:231-237, 1957.
10. Boyne PJ and Losee FL. The use of anorganic bone implants in oral surgery. *J Oral Surg* 16:53-72, 1958.
11. Boyne PJ. Treatment of oral bony defects and heterogenous anorganic bone. *J Oral Surg* 11:322-329, 1958.
12. Boyne PJ. Incidence of osteosclerotic areas in the mandible and maxilla. *J Oral Surg, Anesth and Hosp Dent Service* 18:486-491, 1960.
13. Boyne PJ. Tooth transplantation procedures utilizing bone graft materials. *J Oral Surg, Anesth and Hosp Dent Service* 19:47-53, 1961.

14. Boyne PJ, Lyon HW and Miller CW. The effects of osseous implant materials on the regeneration of alveolar cortex. *Oral Surg Oral Med & Oral Path* 14:369-278, 1961.
15. Boyne PJ. A study of the osseous healing of the post-extraction alveolus utilizing tetracycline induced fluorescence. Thesis, Graduate School, Georgetown University, June 1961.
16. Boyne PJ and Miller CW. A study of tooth development by tetracycline induced fluorescence. *J Dent Res* 40:1079, Sept-Oct 1961.
17. Boyne PJ and Kruger GO. Topical implantation of oxytetracycline cones in extraction sockets. *JADA* 64:224-235, 1962.
18. Boyne PJ and Kruger GO. Fluorescence microscopy of alveolar bone repair. *Oral Surg Oral Med & Oral Path* 15:265-281, 1962.
19. Boyne PJ. Fluorescence microscopy of bone healing following mandibular ridge resection. *Oral Surg Oral Med & Oral Path* 16:749-756, 1963.
20. Boyne PJ. Tetracycline fluorescence – Cover Story. *Dental Abstracts*, Sept 1965.
21. Boyne PJ and Cooksey DE. Use of cartilage and bone implants in restoration of edentulous ridges. *JADA* 71:1426-1436, 1965.
22. Boyne PJ. Osseous healing after oblique osteotomy of the mandibular ramus. *J Oral Surg* 24:125-133, 1966.
23. Boyne PJ. Osseous repair of post-extraction alveolus in man. *Oral Surg Oral Med & Oral Path* 21:805-813, 1966.
24. Boyne PJ. Histologic response to sectioning by high speed rotary instruments. *J Dent Res* 45:270-276, Mar-Apr 1966.
25. Boyne PJ. Osseous repair and mandibular growth after subcondylar fractures. *J Oral Surg* 25:300-309, 1967.
26. Messer EJ, Hayes DE and Boyne PJ. Use of intraosseous metal appliances in the fixation of mandibular fractures. *J Oral Surg* 25:493-502, 1967.
27. Boyne PJ. The use of tetracycline in studies of bone healing. *Adv Oral Biol* 3:121-44, 1968.
28. Boyne PJ. Review of the literature of cryopreservation of bone. *Cryobiology*, 4(6):341-357, 1968.
29. Richter HE, Sugg WE and Boyne PJ. Stimulation of osteogenesis in the dog mandible by autogenous bone marrow transplants. *Oral Surg Oral Med & Oral Path* 26(3):396-405, 1968.
30. Boyne PJ and Mikels TE. Restoration of alveolar ridges by intramandibular transposition osseous grafting. *J Oral Surg* 26(9):569-576, 1968.
31. Luke AB and Boyne PJ. Histologic responses following autogenous osseous-dental transplantation. *Oral Surg Oral Med & Oral Path* 26:861-870, 1968.
32. Boyne PJ. Tissue transplantation. Chapter in Text: Textbook of Oral and Maxillofacial Surgery. 3rd Edition, Gustav O. Kruger, Editor. The C.V. Mosby Co., St. Louis, MO, 1968.
33. Boyne PJ. The use of tetracycline in studies of bone healing. Chapter in Text: Advances in Oral Biology. Peter H. Staple, Editor. Academic Press, New York, NY, Vol. 3, pp. 121-144, 1968.

34. Boyne PJ. Studies of the use of marrow transplants in effecting osseous repair of facial bones. Transactions of the III International Conference on Oral Surgery, pp., 518-523, 1968.
35. Boyne PJ. Experimental evaluation of the osteogenic potential of bone graft materials. Proceedings of the Amer Instit of Oral Biol, pp. 13-21, 1969.
36. Boyne PJ. The response of alveolar bone to injury. Proceedings of the Amer Instit of Oral Biol, pp. 3-9, 1969.
37. Yeager JE and Boyne PJ. The use of bone homografts and autogenous marrow in restoration of edentulous alveolar ridges. J Oral Surg 27:185-189, 1969.
38. Hoermann KC, Balekjian AY and Boyne PJ. Some quantum aspects of the protein intermolecular interfaces in connective tissue. J Dent Res 48:661-670, Sept-Oct 1969.
39. Boyne PJ and Yeager JE. An evaluation of the osteogenic potential of frozen marrow. J Oral Surg 28:764-771, 1969.
40. Richter HE and Boyne PJ. New concept in facial bone healing and grafting procedures. J Oral Surg 27:557-559, 1969.
41. Boyne PJ. Restoration of osseous defects in maxillofacial casualties. JADA 78:767-776, 1969.
42. Boyne PJ. Physiology of bone and response of osseous tissue to injury and environment changes. J Oral Surg 28:12-16, 1970.
43. Boyne PJ and Yeager JE. Evaluation du Potentiel Ostéogénique de la Moelle Congelée. Médecine et Hygiène. Journal d'informations médicales, 28:62-99, 1970.
44. Marble HB, Boyne PJ, Luther NK, Koutrakos J and Richter HE. Grafts of cancellous bone and marrow for restoration of avulsion defects of the mandible: Report of two cases. J Oral Surg 28:138-143, 1970.
45. Boyne PJ. A study of the chronologic development and eruption of teeth in elasmobranches. J Dent Res 49:557-561, 1970.
46. Boyne PJ. Autogenous cancellous bone and marrow transplants. Clinical Orthopaedics and Related Res 73:199-209, Nov-Dec 1970.
47. Boyne PJ. New concepts in bone grafting. Chapter in Text: Current Concepts in Dent 4:320-326, C.V. Mosby Co., St. Louis, MO, 1970.
48. Boyne PJ and Whittemore WL. Neutron radiography of osseous tumors. Mentalis 1(1):20-21, 1971.
49. Boyne PJ and Whittemore WL. Neutron radiography of osseous tumors. Oral Surg Oral Med and Oral Path 31:152-156, 1971.
50. Boyne PJ. Transplantation, implantation and grafts. Chapter in Text: Dental Clinics of North America 15:433-453, C.V. Mosby Co., 1971.
51. Boyne PJ and Whittemore WL. Neutron radiography of osseous tumors. Nature, 230:461-462, April 1971.
52. Whittemore WL and Boyne PJ. Biomedical application of neutron radiography. Research Develop 22-24, July 1971.
53. Newman MG and Boyne PJ. The effect of the calcified bone matrix on the osteogenic potential of hematopoietic marrow. Oral Surg Oral Med & Oral Path 32:506-512, 1971.
54. Rappaport I, Boyne PJ and Nethery J. The particulate graft in tumor surgery. Amer J Surg 22:748-755, 1971.

55. Mainous EG and Boyne PJ. State of the art of hyperbaric oxygenation in oral and maxillofacial surgery. Proceedings of the Oral and Maxillofacial Surgery Technical Workshop, U.S. Navy Bureau of Medicine and Surgery, Dec 1971.
56. Boyne PJ. State of art of bone grafting. Proceedings of Oral and Maxillofacial Surgery Technical Workshop, U.S. Navy Bureau of Medicine and Surgery, Dec 1971.
57. Boyne PJ and Sands NR. Secondary bone grafting of residual alveolar and palatal clefts. *J Oral Surg* 30:87-93, Feb 1972.
58. Boyne PJ and Morgan FH. Evaluation of a compression intraosseous fixation device in mandibular fractures. *Oral Surg Oral Med & Oral Path* 33:696-705, 1972.
59. Kratochvil FJ and Boyne PJ. Combined use of subperiosteal implant and bone-marrow grafts in deficient edentulous mandibles: A preliminary report. *J Prosth Dent* 27:645-653, June 1972.
60. Nahum AM and Boyne PJ. Restoration of the mandible following partial resection. *Transactions of the Amer Acad of Ophthalmology and Otolaryngology* 75:957-962, Jul-Aug 1972.
61. Block C and Boyne PJ. Use of a metal intraosseous fixation device for treatment of fractures of atrophic edentulous mandibles. *J Souther Calif Dent Assoc* 40:995-1000, Nov 1972.
62. Boyne PJ. The use of marrow-cancellous osseous grafts in the regeneration of mandibular bone. *Trans Int'l Oral Surg* 4:58-63, 1973.
63. Boyne PJ. Methods of osseous reconstruction of the mandible following surgical resection. *J Biomed Materials Res* 4:195-204, 1973.
64. Mainous EG, Boyne PJ and Hart GB. Hyperbaric oxygen treatment of mandibular osteomyelitis. *JADA* 87:1426-1430, 1973.
65. Boyne PJ. Effective AIOB programs. *JADA* 86(3):534, March 1973.
66. Mainous EG, Boyne PJ and Hart GB. Elimination of sequestrum and healing of osteoradionecrosis of the mandible after hyperbaric oxygen therapy: Report of case. *J Oral Surg* 31:336-339, 1973.
67. Boyne PJ. Enhancing the hospital experience of the dental student. *J Souther Calif Dent Assoc* 41:394-397, May 1973.
68. Rawlings CA and Boyne PJ. Repair of a mandibular fracture in an irradiated monkey using intraoral immobilization and intraosseous metal mesh fixation. *Lab Animal Sci* 23(4):551-555, August 1973.
69. Boyne PJ. Implants and Transplants: Review of recent research in this area of oral surgery. *JADA* 87:1074-1080, Oct 1973.
70. Mainous EG, Boyne PJ, and Hart GB. Hyperbaric oxygen treatment of mandibular osteomyelitis: Report of three cases. *JADA* 87(7):1426-1430, Dec 1973.
71. Mainous EG, Boyne PJ and Hart GB. Restoration of resected mandible by grafting with combination of mandible homograft and autogenous iliac marrow and post-operative treatment with hyperbaric oxygenation. *Oral Surg Oral Med & Oral Path* 35:13-20, 1973.
72. Boyne PJ. Induction of bone repair by various bone-grafting materials. Proceedings of CIBA Foundation Symposium II Hard Tissue Growth, Repair and Remineralization, *Excerpta Medica Amsterdam*, pp. 121-141, 1973.

73. Pike RL and Boyne PJ. The use of composite autogenous marrow and surface decalcified allogenic bone (SBDA) grafts in mandibular defects. *J Oral Surg* 31(12):905-912, Dec 1973.
74. Boyne PJ. Evaluation of compression of fracture healing. *Yearbook of Dentistry*, pp. 202-204, 1973, Yearbook Pub., Chicago, IL.
75. Boyne PJ, Whittemore WL and Harvey AM. Neutron radiographic examination of soft and hard tissues of the oral cavity. *Oral Surg Oral Med & Oral Path* 37(1):124-130, 1974.
76. Boyne PJ. Restoration of deficient edentulous ridges by bone grafting and the use of subperiosteal metal implants. *Int'l J Oral Surg* 3:278-281, 1974.
77. Mainous EG and Boyne PJ. Hyperbaric oxygen in total rehabilitation of patients with mandibular osteoradionecrosis. *Int'l J Oral Surg* 3:297-301, 1974.
78. Boyne PJ and Upham C. The treatment of long standing bilateral fracture non- and malunion in atrophic edentulous mandibles. *Int'l J Oral Surg* 3:213-217, 1974.
79. Pike RL and Boyne PJ. Use of surface-decalcified allogeneic bone and autogenous marrow in extensive mandibular defects. *J Oral Surg* 32:177-182, March 1974.
80. Boyne PJ. Osseous grafts and implants in the restoration of large oral defects. Proceedings of the 11th Annual James English Research Symposium 1973. *J Periodontol* 45:5:378-383, Part II, May 1974.
81. Boyne PJ. Use of marrow-cancellous bone grafts in maxillary alveolar and palatal clefts. *J Dent Res* 53:4:821-824, 1974.
82. Leake DL, Lind KE, Tolin JH and Boyne PJ. Correction of discontinuity defect of the maxilla by bone grafting. *J Oral Surg* 32:467, 1974.
83. Boyne PJ. Tissue transplantation. Chapter in Text: Textbook of Oral and Maxillofacial Surgery. 4th Edition, Gustav O. Kruger, Editor. The C.V. Mosby Co., St. Louis, MO 1974.
84. Mainous EG and Boyne PJ. Hepatic coma after multiple dental extractions. *J Oral Surg* 32:682-684, 1974.
85. Mainous EG and Boyne PJ. Lingual mandibular bone concavity. *JADA* 90:666-668, March 1975.
86. Mainous EG, Hart GB and Boyne PJ. Healing of mandibular osteomyelitis in a narcotics addict following hyperbaric oxygen: Case report. *Military Medicine*, 140:196-197, March 1975.
87. Boyne PJ. Transplantation and grafting procedures in oral surgery. Chapter for *Oral and Maxillofacial Surgery*, 5th Edition, Vol II, 1512-1526, W. H. Archer, Editor, W. B. Saunders Co., 1975.
88. Christiansen RL, Hayward JR, Bell WH and Boyne PJ. Editorial. Research on Orthognathic Surgery – NIDR State-of-the-Art Workshop. *J Oral Surg* 33:907-920, December 1975.
89. Boyne PJ and Whittemore WL. Practical applications of neutron radiography and gaging. Chapter in Text: Applications of Neutron Radiography to Histopathology. ASTM STP 586, American Society for Testing and Materials, Philadelphia, PA, pp. 77-86, 1976.
90. Kratochvil FJ, Boyne PJ and Bump RL. Rehabilitation of grossly deficient mandibles with combined subperiosteal implants and bone grafts. *J Prosth Dent* 35A:452-461, April 1976.
91. Boyne PJ. Tissue transplantation in dentistry. *Transplantation Proceedings* 8: #2, Suppl #1, 83-87, June 1976.

92. Boyne PJ and Sands NR. Combined orthodontic-surgical management of residual palato-alveolar cleft defects. *Am J Ortho* 70:20-37, July 1976.
93. Boyne PJ and Zarem H. Osseous reconstruction of the resected mandible. *Am J Surg* 132:49-54, July 1976.
94. Boyne PJ. Hyperbaric oxygen therapy. Chapter in Text: Effect of Increased Oxygenation on Osteogenesis Enhancement. Undersea Medical Society, Inc., Bethesda, MD, pp. 205-216, 1977.
95. Calcaterra TC and Boyne PJ. Giant cementifying fibroma of the mandible. *Transactions of the Am Acad of Ophthalmology and Otolaryngology* 84:120-123, 1977.
96. Boyne PJ and Cartwright D. Alloplastics in oral surgery. Chapter in Text: Current Advances in Oral Surgery. W. B. Irby, Editor. C.V. Mosby Co., St. Louis, MO, pp. 434-456, 1977.
97. Boyne PJ. Tissue transplantation. Chapter in Text: Textbook of Oral and Maxillofacial Surgery. 5th Edition, Gustav O. Kruger, Editor. C.V. Mosby Co., St. Louis, MO, 1979.
98. Boyne PJ. Special bone grafting in oral and maxillofacial surgery. Chapter in Text: Clinical Transplantation in Dental Specialties. Peter J. Robinson & Louis H. Guernsey, Editors. C.V. Mosby Co., St. Louis, MO, 12:232-256, 1980.
99. Boyne PJ. Bone grafts in dentistry. Chapter in Text: Current Therapy in Dentistry. C.V. Mosby Co., St. Louis, MO, 43:312-328, 1980.
100. Boyne PJ. Oral and maxillofacial surgery. Chapter in Text: What Dentists Do: A Patient's Guide to Modern Dentistry. S. Sigmund Stahl, Editor. Appleton-Century-Crofts, New York, 1980.
101. Boyne PJ and James R. Grafting of the maxillary sinus floor with autogenous marrow and bone. *J Oral Surg* 38:613-618, 1980.
102. Boyne PJ. Postexodontia osseous repair involving the mandibular canal. *J Oral and Maxillofac Surg* 40:69-73, 1982.
103. Boyne PJ and Fremming BD. Periodontal pocket elimination using durapatite ceramic implants. *J Alpha Omega* 75:17-22, 1982.
104. Boyne PJ. Impact of durapatite as a bone grafting material in oral and maxillofacial surgery: What are the possible future applications? *J Cont Ed in Dent Suppl* #2, 83, 1982.
105. Boyne PJ. Periodontal pocket elimination using durapatite ceramic implants. *Proceedings of the Amer Instit of Oral Biol*, pp. 43-49, 1982.
106. Boyne PJ. Impact of durapatite as a bone grafting material in oral and maxillofacial surgery: What are the possible future applications? *J Oral Surg* 73:5;11-13, 1983.
107. Boyne PJ. The use of marrow particulate grafts and titanium implants in the reconstruction of resected mandibles. Chapter in Text: Maxillofacial Trauma: An International Perspective. John R. Jacobs, M.D., Editor. Praeger Publishers, New York, NY 19:212-218, 1983.
108. Boyne PJ. Fluorescence microscopy of durapatite implants. *Proceedings of the Amer Instit of Oral Biol*, pp. 53-57, 1983.
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