

Dr. A's Curriculum Vitae

Name: MARK EDWARD ANTOSZ Address: Ste. 406, 4935-40th Ave NW, Calgary, AB, T3A 2N1 Date of Birth: 14/6/55 Place of Birth: Victoria, B.C. Nationality: Canadian Marital Status: Married, three children Schools: Prince George Senior Secondary, Prince George, B.C. (1973)

Degrees:

Doctor of Dental Medicine, University of British Columbia (1980) Diploma in Orthodontics, University of Toronto (1988) (not defended) Ph.D. Cell Biology, University of Toronto (1990). Thesis title: "Regulation of Bone Formation In Vitro". Thesis supervisor: Dr. Jane E. Aubin.

Clinical Experience:

Private general practice of dentistry, Dawson Creek, B.C., 1980-1985. Part-time general dental and orthodontic practice, Toronto, Ont. 1985-88. Private specialty practice of orthodontics, Calgary, Alta., 1988 - present

Academic History:

Dental Fellow (MRC), Faculty of Dentistry, University of Toronto, 1985-1988.

Advanced Education:

Seminars for Occusal Studies (SOS) Programme, 1982-83 Graduate, Roth-Williams Center for Functional Occlusion, 1992, San Francisco,

CA Member, Roth-Williams Surgical Orthodontic Study Group, 1993-1998, San Francisco, CA Member, Advanced Orthognathic Surgery Foundation, 2000-present, Santa Barbara, CA Orognathic Bioesthetics Levels I, II and III; Orognathic Bioesthetics Inc., Portland, OR

Non-clinical Advanced Education:

Comprehensive Courses: Roncone PMPG 1994-96; Hilgers 1996 Consultants (in-office): Charleen White, Ken Alexander, Julie Helps, Karen Gimse, Carol Eaton, Debbie Wilde, LeeAnn Peniche, Joe O'Neil

Awards:

Medical Research Council (Canada) Dental Research Training Fellowship 1985-1989

Society memberships:

Canadian and International Associations for Dental Research American Society for Bone and Mineral Research American Association of Orthodontists Canadian Dental Association Canadian Association of Orthodontists Alberta Dental Association Fellow, College of Dental Surgeons of British Columbia Member, Royal College of Dentists of Canada Advanced Orthognathic Surgery Foundation Orognathic Bioesthetics Institute

PUBLICATIONS

- Bellows CG, Aubin JE, Heersche JNM, and Antosz ME (1986). Mineralized bone nodules formed in vitro from enzymatically released rat calvaria cell populations. Calcif Tissue Int

1986;38:143-154.

- Antosz ME, Bellows CG, and Aubin JE (1987). Biphasic effects of epidermal growth factor on bone formation by isolated rat calvaria cells in vitro. *J Bone Min Res* 2(5):385-393.
- Antosz ME, Bellows CG, and Aubin JE (1989). Effects of transforming growth factor- β and epidermal growth factor on cell proliferation and the formation of bone nodules in isolated fetal rat calvaria cells. *J Cellular Physiol* 140(2); 396-402

Published Abstracts of Papers Presented at Scientific Meetings:

- Antosz ME, Bellows CG, and Aubin JE (1986). Inhibition of bone formation in vitro by epidermal growth factor (EGF). *J Bone Min Res* 1(S1):#150. Anaheim, CA, 1985.
- Antosz ME and Aubin JE (1987). Biphasic effects of EGF on bone formation by isolated rat calvaria cells in vitro. *Biology of Growth Factors (Triennial Symposium): Molecular Biology, Oncogenes, Signal Transduction, and Clinical Implications*. Banting and Best Diabetes Center, University of Toronto, 1987.
- Antosz ME and Aubin JE (1988). Effects of TGF- β on bone formation in vitro. *Proceedings of the Annual Meeting of the International Association for Dental Research*, Montreal, Canada. March 1988.
- Antosz ME and Aubin JE (1988). Differences in the temporal characteristics of EGF and TGF- β effects on expression of the osteoblast phenotype in isolated rat calvaria cells in vitro. *Proceedings of the Annual Meeting of the American Association for Bone and Mineral Research*, New Orleans, LA, USA. June 1988.

Other Presentations at Scientific Meetings:

- Antosz ME (1979). Endorphins, enkephalins and pain. *Annual Scientific Meeting of the Canadian Dental Association*, Quebec City, Canada, 1979.
- Bjorkman S, Antosz ME, Holmes HI and Walker RP (1988). Computerized surgical cephalometric prediction. *Annual Scientific Meeting of the American Association of Orthodontists*, New Orleans, LA, USA.
- Presentations (annually) on various topics in orthodontics, early treatment, misdiagnosis, orthognathic surgery and Temporomandibular Disorders, Calgary and District Dental Society Annual Meeting; 1989 - 2005

Published Letters and Essays:

- Antosz M. (1992) Special TMJ issue comment. Am J Orthod Dentofacial Orthop. 1992 Jul;102(1):16A
- Antosz M. (1995) Orthodontics and TMD. J Can Dent Assoc. 1995 Jan;61(1):8.
- Antosz M. (2002) Evaluating posterior occlusion. Am J Orthod Dentofacial Orthop. 2002 Apr;121(4):18A; author reply 18A.
- Antosz M. (2003) The state of the orthodontic union. Am J Orthod Dentofacial Orthop. 2003 Aug;124(2):14A-15A.
- Antosz M. (2003) Space closure for a missing central incisor. Am J Orthod Dentofacial Orthop. 2003 Oct;124(4):18A; author reply 18A-19A.
- Antosz M. (2007) The evidence against evidence-based dentistry. Am J Orthod Dentofacial Orthop. 2007 May;131(5):573-4; discussion 574-5.

ADMINISTRATIVE POSITIONS, MAJOR COMMITTEES, ASSOCIATIONS, ETC. INCLUDING DATES

Committees Served:

Member of Curriculum Committee, Faculty of Dentistry, University of British Columbia, 1977-1979. Member of Senate, University of British Columbia, 1978-1979. Member of Selection Committee, Faculty of Dentistry, University of British Columbia, 1980. Dental Health Chairman, Dawson Creek, B.C., 1981 Chief of Dental Staff, Dawson Creek and District Hospital, 1983-1985 Member and Chairman of Casino Night, Rotary Club of Dawson Creek, 1983-1985 Graduate Student Representative, Faculty of Dentistry, University of Toronto, 1985-1986 Member of Graduate and Post-graduate Advisory Committee, Faculty of Dentistry, University of Toronto, 1985-1986. Member of Selection Committee, Department of Orthodontics, Faculty of Dentistry, University of Toronto, 1986 Exhibitor Chairman, Annual Scientific Session of the Canadian Association of Orthodontists, Calgary, AB, 1992 Director (Calgary District), Board of Directors, Alberta Dental Association, 1993-1995 Secretary-Treasurer, Alberta Society of Orthodontists, 1993-1994. President, Calgary and District Gnathology Study Club 2003-2006 Board of Directors, Pacific Coast Society of Orthodontists, 2006-2009