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Abridged List of Publications, 2011

Books

- *Mini-Implants in Orthodontics: Innovative Anchorage Concepts*, with Björn Ludwig and Sebastien Baumgaertel, Quintessence, 2008. Also *Mini-Implantes Ortodónticos: Conceptos Innovadores de Anclaje* (Spanish version), 2009.
- “Much Ado about Facial Esthetics,” with Dr. Lysle E. Johnston, Jr. In: *The Enigma of the Vertical Dimension*, ed. McNamara, Jr., *Craniofacial Growth Series*, Ann Arbor, Vol. 39:199-217, 2002.
- “Thinking Outside the Box with Mini-screws,” In: *Microimplants as Temporary Orthodontic Anchorage*, ed. McNamara, Jr., *Craniofacial Growth Series*, Ann Arbor, Vol. 45:327-390, 2008.
- “Class II Combination Therapy: Molar Distalization and Fixed Functionals,” In: *Current Therapy in Orthodontics*, eds. Nanda and Kapilla. Monograph honoring Ram Nanda, Elsevier, 2009.
- “Noncompliance Class II treatment with the Distal Jet,” with Dr. Aldo Carano, In: *Orthodontic Treatment for the Class II Noncompliant Patient: Current Principles and Techniques*, Papadopoulos, M.A. Editor, Elsevier, Edinburgh, Chapter 18, 249-271, 2006.

Journals

- “Treatment of Skeletal Origin-Gummy Smile using Miniscrew Anchorage.” With James Cheng-Yi Lin, Chin-Liang Yeh. *Journal of Clinical Orthodontics*, J Clin Orthod 2008;42:285-296. 2008. Reviewed by Larson BE for *Orthodontics Select* vol. 21, No. 6, 2008.
- “Simultaneous Reduction in Vertical Dimension and Gummy Smile for Class II Long Face Adults Using Miniscrews” with Lin, JC, Liou, EJ, *Journal of Clinical Orthodontics*, in press.
- “Technique Clinic: Inserting tomas pins”, *J Clin Orthod*, Feb, 2010.
- “Techniques for Attaching Orthodontic Wires to Miniscrews” Ludwig B, Glasl B, Lietz T, Bumann A., Bowman SJ, *J Clin Orthod*, 44: 1-5, 2010.
- “Class III Treatment by Miniscrew-supported Maxillary Expansion and Advancement with a Hybrid RPE.” Ludwig, Glasl, Wilmes, Lisson, Bowman, Kinzinger. *J Clin Ortho*, in press.
- “The X-Ray Pin: A Pre-Operative Diagnostic Aid for Mini-Screws.” With Ludwig, Glasl, Lietz, *Orthodontic Products*, March, 18-24, 2008.
- “Managing Impacted Canines with the Monkey Hook and Kilroy Spring.” *Ortho Tribune*, 3(3):1,7-9,22, 2008, *Bulgarian Dental Tribune*, 2008.
- “Mini-screws: A New North Star for Orthodontics” with Ludwig, Glasl, Leitz, and Lisson, *Orthodontic Products*, April/May 34-42, 2008.
- “Miniscrew: Insertion Primer” with Ludwig, Glasl, Leitz, and Lisson, *Orthodontic Products*, October 40-46, 2008.
- “A Quick Fix for Pseudo-Class III Correction” *J. Clin Orthod* 42(12) December: 691-697, 2008; (Canada) *Oral Health* Sept., 2009.
- “Interview with Dr. Lysle E. Johnston, Jr.” *Hellenic Orthodontic Journal*, 12:1-13, 2010. www.grortho.gr/hor.
- “Distal Jets Refined: Bowman Modification and Horseshoe Jet” *AOAppliances, etc.*, 11(1): 1-5, 2008.
- “Guidelines for Miniscrew Implant Sterilization and Use” with Cope, Graham, Baumgaertel, Fisher, Hilgers, Huja, Paquette, Razavi, Scheffler, Thomas, *Orthodontic Products*, November: 14-24, 2009.
- “More than Lip Service: Facial Esthetics in Orthodontics,” *Journal of the American Dental Association Cover Story*, 130:1173-81,1999, “Author’s Response,” 130:1696-7, 1999, Scientific Book of Abstracts, 101th Annual Session, AAO, p. 123, 2001. Also online at www.AAOmembers.org, select Online Store link.
- “The Esthetic Impact of Extraction and Nonextraction Treatments for Caucasian Patients” with Dr. Lysle E. Johnston, Jr., *Angle Orthodontist*, 2000. Edward H. Angle Research Award from *Angle Orthodontist* for Best Paper Published in 2000; on the ABO Phase II Examination Reading List
- “Upper Lip Changes Correlated to Maxillary Incisor Retraction-A Metallic Implant Study” with Ramos AL, Sakima ML, Pinto AS *Angle Orthodontist*, 75:499-505, 2005.
- “Orthodontics and Esthetics,” with Dr. Lysle E. Johnston, Jr. *Progress in Orthodontics*, 8(1):112-129, 2007.
- “Braces, Facts, and Faces” with Dr. Lysle E. Johnston, Jr. *Torq* (India), 2:(1, April-June):5, 2006. Also published on www.torq.in.
- “More than Just Pretty Smiles,” *Oral Health* (Canadian), 90: 19-24, 2000.
- “Facial Aesthetics in Orthodontics,” *Australian Orthodontic Journal*, 17: 17-26, 2001.

- "Ortodontia: Muito mais que Belos Sorrisos," *Revista Dental Press de Ortodontia e Ortopedia Facial(Brazil)*, Vol. 6, 33-42, 2001.
- "Facial Esthetic Concerns in Orthodontics," *Journal of the Indian Orthodontic Society*, 35:178-186, 2002.
- "Facial Esthetics," *Orthodontic Products*, February, 20-22, 2003.
- "Let's Just Face It: Esthetic Realities in Orthodontics," *New Zealand Assoc. Orthod. Newsletter*, 17:7-9, 2003.
- "The Esthetic Impact of Extraction and Nonextraction Treatment for Mexican Patients: with Gomez AL, Casasa A, Johnston LE Jr. Unpublished manuscript.
- "The Social Six Redux: Is That Really All There Is?" *Ortho Tribune* (Sept/Oct) 2007;2(8&9):11-15, *Journal of the Michigan Dental Association*, Dec. 2007;89(12):40-49, *New York State Dental Journal* 2007;73(5):42-47, *Texas Dental Journal*, Jul. 2007;124(7):662-670, *Oral Health (Canada)* Sept. 2007;97(9):16-24, *Pennsylvania Association of Orthodontists Newsletter*, Summer 2007, *Brazilian Research in Pediatric Dentistry and Integrated Clinic*, July, 2010.
- The Social Six: Is That All There Is?" *Journal of the Australian Orthodontic Society* 21:No.1:68-71, May, 2005, *Orthodontic Products* 72-74, Sept., 2005, *Journal of Indian Orthodontic Society*, 38(2):63-67, 2005, *Malaysian Association of Orthodontists Newsletter* Issue 6 (April), 12-14, 2006, *Revista Espanola de Ortodontia* (Spain), 2009 (39:159-66)
- "One versus Two-Stage Treatment: Are Two Stages Necessary?" Notes from the Clinic, *American Journal of Orthodontics and Dentofacial Orthopedics*, 113:111-116, 1998. [on the Univ. of Kentucky Reading List]
- "Class II Combination Therapy: Molar Distalization and Fixed Functionals to Reduce Reliance Upon Compliance for Predictable Case Completion," *Journal of Clinical Orthodontics*,32:611-620, 1998. [Referenced by Duncan Higgins for U.S. Patent 455321, Xbow Appliance]
- "Modifications of the Distal Jet," Cover Story, *Journal of Clinical Orthodontics*, 32:549-556, 1998.
- "Class II Combination Therapy: A Case Report," *Journal of Orthodontics* (Britain), 27:213-8, 2000.
- "Post-treatment Evaluation of the Distal Jet Appliance," co-authored with Ngantung, V., and Nanda, R.S., *American Journal of Orthodontics and Dentofacial Orthopedics*, 120:178-85, 2001.
- "Author's Response" and "Distal Jet Revisited," *American Journal of Orthodontics and Dentofacial Orthopedics*, 120:14A, 2001
- "Butterfly Bracket System" with Carano, A., *Journal of Clinical Orthodontics*, 38(May):274-287, 2004.
- "Addressing ABO Concerns with Finished Cases," *American Orthodontics Good Practice*, 1:5-8, 2001.
- "Addressing ABO Concerns with Finished Cases: The Development of the Butterfly Bracket System, Part I" *Journal of Indian Orthodontic Society*, 36: 73-75, 2003.
- "Addressing ABO Concerns with Finished Cases: The Development of the Butterfly Bracket System, Part II" *Journal of Indian Orthodontic Society*, 36: 135-139, 2003.
- "Butterfly Bracket System: A 3rd Generation Pre-Adjusted Hybrid," Cover Story: *Journal of Indian Orthodontic Society*, 2004.
- "Improvements in Pre-Adjusted Appliances: Butterfly Bracket System," with Dr. Carano, *American Orthodontics Good Practice*, 2:5-7, 2001
- "Evaluation of Maxillary Molar Distalization with the Distal Jet," with Bolla, E., Muratore, F., and Carano, A., *Angle Orthod*, 72:481-94, 2002.
- Reprinted in the *Mosby Yearbook of Dentistry*.
- "The Distal Jet – Simplified and Updated," Carano, A., Testa M., Bowman, S., *Journal of Clinical Orthodontics*, (October) 36:586-90, 2002.
- "Upper Molar Distalization with a Miniscrew-Supported Distal Jet," Kinzinger, GSM, Diedrich, PR, Bowman, SJ., *Journal of Clinical Orthodontics*, (November) 40(11):672-8, 2006.
- "The Distal Jet Appliance: Class II Correction by Maxillary Molar Distalization," *Belgisch Tijdschrift voor Orthodontic*, 3:65-72, 2002.
- "Distalización Molar y Aparatos Fijos Funcionales: Combinación de Terapia de Clase II," *Colegio de Cirujanos Dentistas*, 1(1):36-39, 2004.
- "A Comparison of Two Maxillary Molar Distalizing Appliances with the Distal Jet," Ferguson DJ, Carano A., Bowman, SJ, Davis EC, Guitierrez Vega, ME, Lee, S.H., *World Journal of Orthodontics*, 6:382-390, 2005.
- "Alternatives after Molar Distalization," *American Orthodontics Good Practice*, 1:2-3, 2000.
- "Clinical Aid: Accurate Band Positioning in Impressions," with Lisenby, C, *Journal of Clinical Orthodontics*, (September) 36:500,2002.
- "Monkey Hook and Loop: An Auxiliary for Impacted, Rotated, and Displaced Teeth," Cover Story with Carano, A., *Journal of Clinical Orthodontics*, (July) 36:375-8, 2002, reprinted in *Oral Health (Canada)* Sept. 95:33-36, 2005.
- "The Kilroy Spring for Impacted Teeth," with Carano, A., *Journal of Clinical Orthodontics*, (December) 37:683-688, 2003.
- "Canine Obedience Training: Using a Rigid Hook and Spring Auxiliary Slid Onto the Archwire to Direct Eruption of Impacted Teeth," with Aldo Carano, *Orthodontics Products*, November, 18-22, 2005.
- "Canine Obedience Training: Monkey Hooks and Kilroy Springs," *Journal of Indian Orthodontic Society*, 36:179-184, 2004.
- "Canine Obedience Training," *Ortho La Rivista Italiana di Ortodonzia e Ortopedia dento-facciale*, 2(2):8-19, 2004.
- "Treatment of Skeletal Open bite with a Device for Rapid Molar Intrusion: A Preliminary Report," with Carano and Siciliani, *Angle Orthodontist*, 75:736-46, 2005.
- "Modificação do Distal Jet," *Jornal Brasileiro de Ortodontia & Ortopedia Facial*, No. 20, 1999.
- "Terapia Combinada para Classe II (Distal Jet e Jasper Jumpers): um Relato de Caso," *Revista Dental Press de Ortodontia e Ortopedia Facial*, 5:73-78, 2000.
- "Modificaciones del Distal Jet," *Journal of Clinical Orthodontics, Edicion en Español*,6:13-20, 2000.
- "Tratamiento Combinado de la Clase II," *Journal of Clinical Orthodontics, Edicion en Español*,6:135-144, 2000.
- "Correção de Class II e Ortodontia Para o Paciente Não Cooperado," *Jornal Brasileiro de Ortodontia & Ortopedia Facial*, Nos. 16 and 17, 1998.
- "Distalização de Molar com Distal Jet - Relato de Um Caso Clinico," *Jornal Brasileiro de Ortodontia & Ortopedia Facial* , No. 25, 2000.
- "Os Jasper Jumpers na Correção da Classe II: Um Relato do Caso," *Revista Dental Press de Ortodontia e Ortopedia Facial*, Vol. 5, No. 2, 54-58, 2000.
- "Molar Distalization with the Distal Jet: A Case Report," *Revista Dental Press de Ortodontia e Ortopedia Facial*, 2000.

- "Biomechanics Subsequent to Molar Distalization," *Revista Dental Press de Ortodontia e Ortopedia Facial*, in press.
- "Effectiveness of Clear Aligner Compliance Indicator," with Tuncay, Bowman, Nicozisis J, Amy, B., *Journal of Clinical Orthodontics*, 43(4):263-268,2009.
- "Polishing Up Your Orthodontic Finish," *OrthoTribune*, February Supplement,2010.
- "The Inman Aligner," *Journal of Clinical Orthodontics*, 37:438-442 (August), 2003, re-printed in *Oral Health* (Canada) Sept. 95:25-31, 2005.
- "The Inman Aligner," *Australasian Dentist*, 4:26-7, 2004.
- "The Effectiveness of a Fluoride Varnish in Preventing the Development of White Spot Lesions," with Vivaldi-Rodrigues, G, Demito, CF, and Ramos, AL. *World Journal of Orthodontics*, 7:138-144,2006.
- "The Use of Fluoride Varnish to Reduce Decalcification," *Journal of Clinical Orthodontics*, June, 377-9, 2000, (Canadian) *Oral Health*, Sept, 91:11-13, 2001.
- "Scar Tactic: Fluoride Varnishes Fight Decalcification Stains in Orthodontic Patients," *Orthodontic Products*, March, 32-5, 2002
- "The Efficacy of a Fluoride Varnish in Reducing Enamel Demineralization Adjacent to Orthodontic Brackets: An In Vitro Study," Demito CF, Vivaldi-Rodrigues G, Bowman SJ, Ramos AL, *Orthod Craniofacial Res* 7:205-210, 2004.
- "Efficacy of Fluoride Varnish in Preventing White Spot Lesions as Evaluated with Laser Fluorescence," Demito CF, Ramos AL, Bowman SJ. *Unpublished manuscript*.
- "A Utilização do Duraflor na Redução da Descalcificação Durante o Tratamento Ortodôntico," *Revista Dental Press de Ortodontia e Ortopedia Facial*, Vol. 6, No. 1, 79-81, 2001.
- "Reducing the Scars in Orthodontics: Duraflor Fluoride Varnish," *Journal of the Indian Orthodontic Society*, Vol. 35:94-98, 2002.
- "Reducing White Spot Lesions in Orthodontics with Duraflor Fluoride Varnish," *Heritage Herald*,7:3,2003.
- "Correlação entre a avaliação microscópica e a leitura por laserfluorescência de lesões de manchas brancas em dentes bovinos: estudo *in vitro*." with Matheus PD, Demito CF, Scheibel PC, Bowman SJ, Ramos AL. *Odonto Metodista*, 2010.
- "Infection Control for Light Cure Bonding," with Dr. Paul R. Maston, *Journal of Clinical Orthodontics*, August, 484-6, 2000.
- "Short-term, Intensive Use of the Tooth Positioner in Case Finishing," with Dr. Aldo Carano, *Journal of Clinical Orthodontics*, 36:216-219, 2002.
- "Back to the Future: A Direct Approach to Bonding," *Orthodontic Products*, October, 34-40, 2004.
- "Orthodontic Bonding: A Direct Approach," *Journal of the Indian Orthodontic Society*, 37:124-131, 2004. *Ortho: The Other Side of Orthodontics* (Italy), 3(1):16, 2005.
- "Deep Bites: Correction and Retention with Permanent Bite Planes," with Carano and Mannarini, *Orthodontic Products* March, 42-45, 2006.
- "Fine-tuning Case Completion with the New ProFlex Tooth Positioner," *AOAppliances, etc.* 7:1-2, 2003.
- "Jasper Jumpers in Class II Correction: A Case Report," *Journal of Indian Orthodontic Society*, 34:101-5, 2001.
- "Orthodontic Concepts and Controversies: An Interview with Dr. S. Jay Bowman," *SAO News*, Sept. 2001.
- "Entrevista: Dr. Jay Bowman," *Revista Goiana de Ortodontia*, 7:36-37, 2004.
- "A Fixed Reverse Labial Bow for Moderate Class III Interceptive Treatment (The Smart Wire)," with Carano and Valle, *Journal of Clinical Orthodontics*, 37:42-46, 2003.
- "Creating Results" and "Risky Business," Interviews by Ann Carlson, *Orthodontic Products*, 2001.
- "The Public's Growing Ethical Concerns for Dentistry," *Gutta Percha Clarion*, 1997.
- "Orthodontics for the Non-Compliant Patient: A Case Report," *Gutta Percha Clarion*, 1995.
- "Class II Correction and Orthodontics for the Non-Compliant Patient," *Gutta Percha Clarion*, 1994.
- "Light Cure Bonding in Orthodontics," *Gutta Percha Clarion*, 1993.
- "Invisalign: Innovation, Revelation, or Revolution," *Gutta Percha Clarion*, Spring,9,2001.
- "Treating Adults," Chairside with S. Jay Bowman, *Orthodontic Products*, April/May:20, 2006
- "Delivery Systems," Chairside with S. Jay Bowman, *Clinical Pearls Orthodontic Products*, June:10, 2007.
- "The Legend of the Rubber Chicken," sidebar to "Three Deans" by Alan Ruskin. *Orthodontic Products (on-line only)*, November, 2007.
- "Renovate or Relocate?" interview by Alan Ruskin. *Orthodontic Products*, April/May, 60-67, 2008.
- "Bite-Sized Abstracts," monthly feature, *Gutta Percha Clarion*, 2003-4.
- "What They Say About Expansion," self-published, 1994.
- "Non-compliance Distalization Appliances Used in Class II Orthodontic Treatment." Contributed with Carano. A. to Chapter 3 In: *Non-compliance Distalization: A Monograph on the Clinical Management and Effectiveness of a Jig Assembly in Class II Malocclusion Orthodontic Treatment*, Papadopoulos, M. Phototypotiki Publications, Thessaloniki, Greece, 2005.

