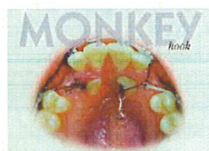
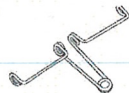




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Creating the Most Natural Smiles:
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S. JAY BOWMAN, D.M.D., M.S.D.

Dr. Jay Bowman has been specifically interested in mechanisms to improve the effectiveness and efficiency of quality orthodontics for the benefit of both patient and practitioner. In 1993, he developed Class II Combination Therapy to reduce reliance upon compliance for predictable case completion. In 1996, Dr. Bowman was the first in the U.S. to incorporate the Distal Jet and has been instrumental in continuing research: leading to the development of the patented Bowman Modification and Horseshoe Jet.

Dr. Bowman was also asked to develop his own signature, orthodontic bracket, the Butterfly System, introduced in 2000. In addition, he invented the Quick Fix for Class III's, Monkey Hook and Kilroy Spring auxiliaries for impacted teeth, Aligner Chewies, Retainer Retrievers, and the Hu-Friedy Clear Collection of instruments for Invisalign. Jay has also developed a number of auxiliaries and mechanisms for mini-screws and is the co-author of the book, *Mini-Implants in Orthodontics: Innovative Anchorage Concepts*.

Jay is a Diplomate of the American Board of Orthodontics, a member of the Edward H. Angle Society of Orthodontists, a Fellow of the American and International Colleges of Dentists and Pierre Fauchard Academy. He developed and teaches the Straightwire course at *The University of Michigan*, is an Adjunct Associate Professor at *Saint Louis University*, Clinical Assistant Professor at *Case Western Reserve University*, Visiting Clinical Lecturer at *Seton Hill University*, and Milton Sims Visiting Professor at *University of Adelaide*. He has lectured in 38 states and 36 countries, and has published 16 book chapters and over 150 articles.

EDUCATION

- 1979 Illinois Wesleyan University, B.A.
- 1983 Southern Illinois University – School of Dental Medicine, D.M.D.
- 1985 Saint Louis University Department of Orthodontics, M.S.D.

PROFESSIONAL ORGANIZATIONS, AWARDS, HONORS

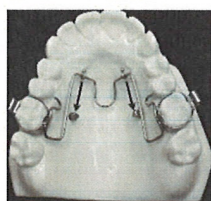
- Orthodontic Education & Research Foundation Merit Award
- Saint Louis University Orthodontic Alumni Merit Award
- Edward H. Angle Research Award
- Diplomate of the American Board of Orthodontics
- Member of the Edward H. Angle Society of Orthodontists
- Fellow of the American College of Dentists
- Fellow of the International College of Dentists
- Straightwire Instructor at The University of Michigan
- Adjunct Associate Professor at Saint Louis University
- Reviewer, Contributing Editor, or Advisory Board for *Journal of Clinical Orthodontics*, *Seminars in Orthodontics*, *American Journal of Orthodontics and Orthopedics*, *Orthodontic Products*, *Orthodontic Practice US* and *Ortho Tribune*.
- Regent of the American Association of Orthodontists Foundation
- Charter Member of the World Federation of Orthodontists
- Received 4 President's Awards and the Distinguished Service Award from Kalamazoo Valley District Dental Society
- Daniel J. Ganz Memorial Award from Kalamazoo Valley District Dental Society
- Past-President of Kalamazoo Valley District Dental Society
- Southwest Michigan Quality Council Performance Excellence Award for Outcomes, Improvement and Contribution to the Community
- Featured Covers for *Orthodontic Products*, *Ortho Tribune*, *Orthodontic Practice US*, *American Journal of Orthodontics and Dentofacial Orthopedics*, and *Journal of Clinical Orthodontics*.

BOOKS

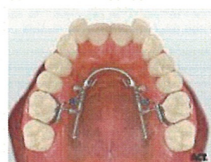
- *Mini-Implants in Orthodontics: Innovative Anchorage Concepts*. Ludwig, Baumgaertel, Bowman. Quintessence, 2008.
- "Non-compliance Class II Treatment with the Distal Jet," with Carano, In: *Orthodontic Treatment for the Class II Noncompliant Patient*. Papadopoulos ed. Elsevier, 2006.
- "Much Ado about Facial Esthetics," with Lysle Johnston, In: *The Enigma of the Vertical Dimension*, Craniofacial Growth Series (39). Needham Press, McNamara ed. 2002.
- "Class II Combination Therapy: Molar Distalization and Fixed Functionals," In: *Current Therapy in Orthodontics*. Nanda and Kapilla eds. Elsevier, 2009.
- "Thinking Outside the Box with Miniscrews," In: *Microimplants and Temporary Anchorage*. Craniofacial Growth Series (45). Needham Press, McNamara ed. 2008.
- "The Evolution of the Horseshoe Jet," In: *Skeletal Anchorage in Orthodontic Treatment of Class II Malocclusion*. Papadopoulos ed. Mosby Elsevier, 2014.
- "Settling the Score with Class IIs using Miniscrews," In: *Temporary Skeletal Anchorage Devices*. Kim ed. Springer, 2014.
- "A View from the Clinical Trenches: Vibration and Tooth Movement," In: *Anecdote, Expertise and Evidence*. Kapila, Vig, Huang ed. Craniofacial Growth Series (53). 2017.
- "Microimplant-assisted Aligner Therapy," with Mompell. In: *Temporary Anchorage Devices in Contemporary Orthodontics*. Park ed. 2019.



TPA+



TPA-



Horseshoe Jet

SELECTED PUBLICATIONS

- "More Than Lip Service: Facial Esthetics in Orthodontics," *Journal of the American Dental Association* (Cover Story), 130:1173-81, 1999.
- "The Esthetic Impact of Extraction and Nonextraction Treatment for Caucasian Patients," with Dr. Lysle E. Johnston Jr., *Angle Orthodontist*, 2000. (Edward H. Angle Research Award).
- "Butterfly Bracket System," with Carano, A., *Journal of Clinical Orthodontics*, (December) 37:683-688, 2003.
- "Pulsus a Mortuus Equus," In: Age Appropriate Orthodontics – Part I. *Seminars in Orthodontics*. 2014 Mar 20(1):36-45.
- "The Horseshoe Jet for Miniscrew-Supported Molar Distalization," (Cover Story) *J Clin Orthod* 2018 Apr 51(4):196-218.
- "Creative Adjuncts for Clear Aligners," "Part I: Class II Treatments," "Part II: Intrusion, Rotation, and Extrusion," "Part III: Extraction and Interdisciplinary Treatment," with Celenza, F., Sparaga, J., Papadopoulos, MA, Ojima, K., Lin, J.C., *Journal of Clinical Orthodontics*. 2015, 49(2, 3, 4); 83-94, 162-172, 249-262.
- "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.
- "Kilroy Spring for Impacted Teeth," with Carano, A., *Journal of Clinical Orthodontics*, (July) 37:683-688, 2003.
- "Improving the Predictability of Clear Aligners," *Sem Orthod* 2017 23(1):65-75.
- "One versus Two-Stage Treatment: Are Two Stages Necessary?" Notes from the Clinic, *American Journal of Orthodontics and Dentofacial Orthopedics*, 113:111-116, 1998.
- "Uno, Dos, Tres: One Concept for Three Angle Classes," *Seminars in Orthodontics*, 2018, 24 (1):3-16.
- "They Still Shoot Horses Don't They?" *Angle Orthod* 88(3):370-372, 2018.
- "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.
- "A Quick Fix for Pseudo-Class III Correction," *J. Clin Orthod* (December) 42(12): 691-697, 2008.
- "Orthodontics and Esthetics," with Dr. Lysle E. Johnston Jr., *Progress in Orthodontics*, 8(1):112-129, 2007.

"NAMED" HONORARY LECTURES

- The McIntyre Lecture, Canadian Association of Orthodontists
- Arthur Thornton Taylor Lecture, Australian Society of Orthodontists
- Ernie Hixson Memorial Lecture, Oregon Health & Science Univ. Alumni
- Robert Freeman Lecture, 100th Rocky Mountain Dental Convention
- Herb Margolis Lectureship, Tufts University 50th Alumni Meeting
- Cecil Steiner Memorial Lecture, University of Southern California
- A.P. Westfall Seminar, University of Texas Orthodontic Alumni Assoc.
- Burstone Symposium, Indiana University
- Milton Sims Visiting Professor Lecture, University of Adelaide
- Lawrie Smart Lecture, University of Adelaide
- Tiziano Baccetti Memorial Lecture, Int'l. Ortho. Symposium, Prague
- Temple University Graduation Keynote, Philadelphia
- J. Henry O'Hern, Jr. Lecture 65th Annual Meeting, U Penn, Philadelphia
- P. R. Begg Memorial Lecture, European Begg Society, Bonn, Germany



Chewies- Aligner Tray Seaters



SELECTED PRESENTATIONS

- World Federation of Orthodontists, Sydney, 2010, London, 2015
- World Implant Ortho. Conf., Anaheim, 2014, Kobe, 2017, Bucharest, 2019
- Moyers Growth Pre-Symposium, Ann Arbor, 2001, 2007, 2016
- Edward H. Angle Society of Orthodontics Biennial, Maui, 2001
- Orthodontic & Education Research Foundation, Saint Louis, 2001, 2008, 2011, 2013, 2017
- Pacific Coast Society of Orthodontists, 2002, 2014, 2016
- Southern Association of Orthodontists, 2001
- Southwestern Society of Orthodontists, 2009
- North Eastern Society of Orthodontists, 2004, 2007, 2011, 2016
- Great Lakes Association of Orthodontists, 2012
- Great Lakes/Middle Atlantic, Bermuda, 1998
- Middle Atlantic Association of Orthodontists, 2009
- Middle Atlantic/North Eastern Society, 2013
- American Dental Association, Orlando, 1996, San Francisco, 2003.
- American Association of Orthodontics, 2000, 2001, 2003, 2005, 2006, 2011-13, 2017-8
- Australian Society of Orthodontics, 2004, 2006, 2012, 2016
- Warsaw Orthodontic Conference, Poland, 2015
- Thompson Okanagan Meeting, Kelowna, B.C. 2005
- Hong Kong Dental Association & Assoc. of Orthodontists, 2006
- Japanese Association of Orthodontists, Tokyo, 2006
- Canadian Association of Orthodontists, Kelowna, 2009
- American Academy of Restorative Dentistry, Chicago, 2010
- British Orthodontic Conference, Brighton, UK, 2010, Glasgow, 2019
- Greater New York Dental Meeting, 2010, 2011
- International Orthodontic Symposium, Prague, 2017.
- Belgian Society of Orthodontists, Brussels, 2001
- Faculty of Dentistry of Monastir, Tunisia, 2001
- University of Toronto Alumni Association, 2005, 2016
- Minnesota Association of Orthodontist, 2006
- I Encontro Internacional Dental Press, Maringa, Brazil, 2001
- Barbados Dental Association, 1994, 2004
- Yankee Dental Meeting, Boston, 2003
- New Zealand Orthodontic Association, Christchurch, 2003
- Journal of the Indian Orthodontic Society, Mumbai 2006
- Malaysian Association of Orthodontists, Kuala Lumpur, 2006
- Greek Society of Orthodontic Study and Research, 2008
- Cyprus Orthodontic Society, 2008
- Singapore Association of Orthodontists 2012, 2017
- South African Society of Orthodontists, Durban 2012
- SPO Paulist Society of Orthodontists, Sao Paulo, Brazil, 1998
- Spanish Society of Orthodontists, Malaga, 2008
- College of Diplomates of the American Board, 2013, 2020

