



## MARCEL KORN, D.M.D.

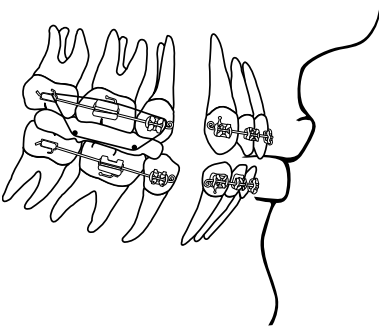
For more than 40 years, Dr. Korn has been a force in the orthodontic profession through innovative treatment, advanced clinical research, inventiveness, worldwide seminars, publishing and teaching. Dr. Korn's goal is to evolve a sensible and conservative approach which employs "postural orthodontics" for both, early treatment and the management of the varied conditions of the adult. Dr. Korn's main focus is to utilize the musculature, growth and development, and mandibular posture during orthodontic treatment and in retention. His treatment philosophy is called **"Alternative Orthodontics"**.

**"Alternative Orthodontics"** can be applied to both, children and adults and is a simplified, cost-effective and less invasive method in managing most orthodontic problems. Since the beginning of his career, Dr. Korn has pioneered the concepts that growth, development, and muscular function are assets not to be ignored, but to be utilized during the treatment of malocclusion. Having treated thousands of children early, utilizing the concept of **"redirection of eruption"** Dr. Korn has been able to reduce the amount of mechanics, finish total treatment at younger ages, and reduce treatment times in fixed appliances.

For adults, Dr. Korn has developed a **"muscular training program"** which controls **"TMD"**, muscular symptoms and mandibular posture. Muscular training greatly reduces the degree of relapse following orthodontics and orthognathic surgical treatment. Throughout any given year, you'll find Dr. Korn lecturing around the world, conducting "In-House Seminars", and managing new research protocols in his practice and at Tufts University. Specialized areas of treatment and research include **"redirection of eruption"**, **"molar rotation"**, **"disocclusion"**, **"muscular training"** and **"mandibular postural management"**.

Dr. Korn has developed and holds patents on a number of appliances related to his mechanotherapy including lip-bumpers, mini-jigs, IOA's, and molar rotators. He employs a Bi-Dimensional Bracketing approach in combination with **"RADs"** or "Removable Anchorage Devices". Dr. Korn has published extensively in orthodontic literature in the US and worldwide, and has contributed a chapter on "Alternative Orthodontics" to a textbook by Duane Grummons entitled, "Orthodontics for the TMD and TMJ Patient."

Dr. Korn is a dental and orthodontic graduate of Tufts University. He is a Diplomate of the American Board of Orthodontics, a member of the Angle Society of Orthodontists and a fellow in the International College of Dentists. His thirty nine year teaching career continues at Tufts University as an associate clinical professor of orthodontics. At Tufts University, he was director of advanced clinical research and the orthodontic consultant to the "Gelb Pain Center". He has held many positions in professional societies and organizations. He led Tufts Alumni Associations and is past president of the Tufts Association of Orthodontists, the American Academy of Dental Science, an the Boston and Wachusett District Dental Society. His hobbies include travel, history, tennis and skiing. Dr. Korn resides with his wife Gail in Boston, MA near his daughters and six grandchildren, and maintains his practice in downtown Boston.



The InterOcclusal Appliance (I.O.A.)

### EDUCATION

- 1958-1962 - University of Massachusetts, B.S. Pre-Med-Zoology
- 1962-1966 - Tufts University School of Dental Medicine, D.M.D. (Cum Laude)
- 1968-1970 - Tufts University School of Dental Medicine, Dept. of Postgraduate Orthodontics; Post Graduate Certificate

### CERTIFICATES, POSITIONS & LICENSURE

- Angle Society of Orthodontists (Northeast Component)
- Diplomate of the American Board of Orthodontics
- American Association of Orthodontists
- American Dental Association
- Massachusetts Dental Society
- Dental Staff, Leominster Hospital
- Dental Practice Committee, Mass. Dental Society 1982 - Present
- President - American Academy of Dental Science
- President - Tufts Association of Orthodontists 1984 - 1985
- Chairman - Wachusett District Dental Society 1982 - 1983
- Secretary - Wachusett District Dental Society 1976 - 1977
- Public Relations Chairman - Massachusetts Society of Orthodontists



## TEACHING POSITIONS

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### Department of Postgraduate Orthodontics

- 1979-1980 Clinical Instructor
- 1980-1981 Assistant Clinical Professor
- 1991-Present Associate Clinical Professor

### Gelb Pain Center

- 1985-Present Orthodontic Consultant

### Department of Continuing Education

- 1974-Present Lecturer on Orthodontics
- Guest lecturer, Aarhus University, Aarhus, Denmark
- Visiting Professor and Lecturer, Frankfurt University Carolinum Institute: Frankfurt, Germany

## SELECTED PUBLICATIONS

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- **"Early Treatment With a Maxillary Lip Bumper - Bite Plateau Combination"**, *Angle Orthodontist*; Vol.78(5);Sep.2008
- **"Aberrant Eruption and It's Relationship to Crowding: The Need for Early Extraction and Management"**, *The Alpha Omegan*; Vol.92 No. 4, Scientific Issue, Dec.1999
- **"A New Concept in Orthodontics: Posture!"**, *Kieferorthopadie* 9:275-286, 1995
- **"Flexible Lip Bumpers for Arch Development"**, *Journal of Clinical Orthodontics*; Korn and Shapiro; Vol.XXVIII Number 1; 1994
- **"Behandlung im Wechselgebissmit Flexiblen Lipbumpen im Obe - und Unterkiefer"**, Marcel Korn / S. Schnabel, *Kieferorthopadie* 8:81-88, 1994
- **"Lip Bumpers"**, *Italian Orthodontic Journal, SIDO*, 1989
- **"Postural Orthodontics"**, *"Orthodontics for the TMD and TMJ Patient"*, by D.r Duane Grummons; a textbook; Chapter X; 1990
- **"Sviluppo Con Lip Bumpers Flessibili"**, *Mondo Ortodontico*; 1/95
- **"Sviluppo Delle Arcate Con L'Uso Del Lip Bumper"**, *Bolletino D'Informazioni Ortodontice*; n.5 Settembre 1989

## LECTURES, COURSES & PRESENTATIONS; SPECIAL TEACHING AND LECTURE TOPICS:

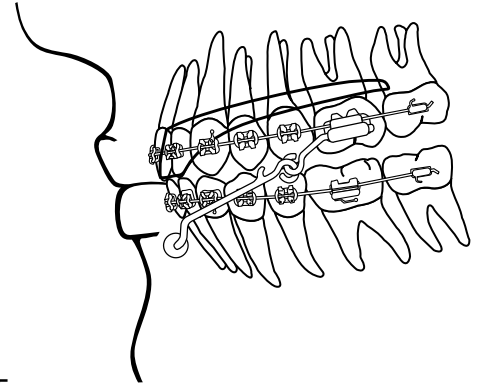
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- "Postural Orthodontics"
- "TMD and TMJ in Orthodontics"
- "The Musculature in Orthodontics"
- "Removable Anchorage Devices" (RADs)
- "Bi-Dimensional & Segmental Orthodontics"
- "RADs vs. TADs" (Removable Anchorage Devices vs. Temporary Anchorage Devices)
- "Hands-On Wire Bending and Appliance Fabrication"
- "Early Treatment (Traditional)"
- "Redirection of Eruption"
- "Maxillary and Mandibular Lip Bumpers"
- "Functional Treatment in Fixed Appliance Practice"
- Perio- and Prosthetic Orthodontics
- Adult Orthodontics
- Retention
- Orthodontics for the General Practitioner
- Edgewise Technique
- *Begg* Technique
- Marketing and Practice Management

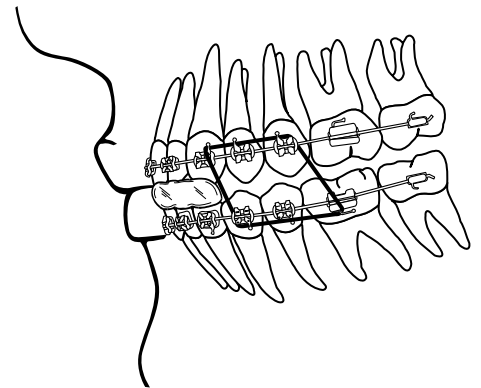
## PRODUCTS DEVELOPED & PATENTS ISSUED:

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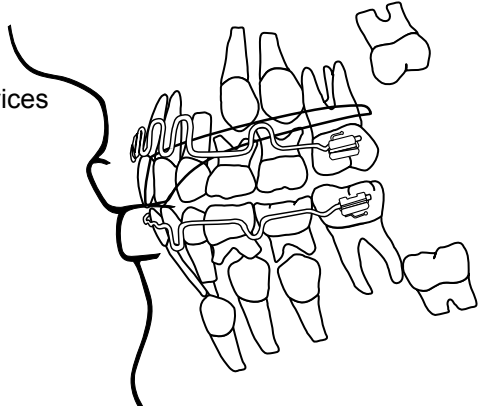
- "Mandibular Advancer" #4,637,796
- "Mandibular Advancement Positioner" #5,067,896
- "Lip Bumper" #5,092,768
- The "IOA" (Inter Occlusal Appliance)



The Mandibular Advancer



The Mandibular Advancement Positioner (M.A.P.)



Maxillary and Mandibular Lip Bumpers with Bite Plane