

CURRICULUM VITAE  
FRAY ADIB

**Myotronics-Noromed, Inc.**

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**Education**

Washington State University, Pullman, WA

Bachelor of Science in Electrical Engineering (BSEE), June 1976

Seattle University, Seattle, WA

Master of Business Administration (MBA), June 1989

**Professional Experience**

Has designed or spearheaded the development and design of 6 generations of jaw tracking, electromyography and joint vibration monitoring devices (K5AR, K6/Apple, K6I, K7, New K7 and K7x) and 3 generations of Dental TENS devices (J4, BNS-40 and J5)

1997-Present      President and Director of Research, Myotronics-Noromed, Inc.

1991-1997        Founder and President, Noromed, Inc.

1980-1991        Vice President Engineering, Myotronics

1978-1980        Design Engineer, Myotronics

**Patents**

Holds 3 design and method patents related to the development of medical/dental devices used in the diagnosis and treatment of temporomandibular disorders

**United States Patent no. 4,342,086 issued July 27, 1982:**

*“Compensating System for Kinesiograph Mandibular Tracker”*

**United States Patent no. 4,765,345 issued August 23, 1988:**

*“Magnetic Sensor for Jaw Tracking Device”*

**United States Patent no. 8,630,713 issued January 14, 2014**

*“Electrical muscle stimulator for stimulating the masticatory, shoulder, back, and facial muscles”*

**Publications**

Martinis AJ, Jankelson B, Radke J, Adib F. “Effects of the Myo-monitor on cardiac pacemakers.” J Am Dent Assoc. 1980 Feb;100(2):203-5.

Jankelson B, Adib F. Effect of variation in manipulative force on the repetitiveness of centric relation registration: a computer-based study. J Am Dent Assoc. 1986 Jul;113(1):59-62.

Coy R, Flocken J, Adib F. “Musculoskeletal etiology and therapy of craniomandibular pain and dysfunction.” Cranio Clin Int. 1991;1(2):163-73.

Cooper B, Adib F. "An assessment of the usefulness of Kinesiograph as an aid in the diagnosis of TMD: a review of Manfredini et al.'s studies." Cranio. 2015 Jan;33(1):46-66

Ortu E, Pietropaoli D, Adib F, Masci C, Giannoni M, Monaco A. "Electromyographic evaluation in children orthodontically treated for skeletal Class II malocclusion: Comparison of two treatment techniques." Cranio. 2017 Nov 16:1-7