

Paradigm Shift in Management of TMD, Sleep Disorders and Orthodontic/Orthopedic Deficiencies

ABSTRACT: Nasomaxillary Complex Deficiency is closely associated with many of the most complex challenges encountered in dentistry, both currently and historically, the treatment of temporomandibular disorders, craniofacial orthopedic irregularities, dental malocclusion, and sleep disorders. This presentation will outline how dentistry can incorporate treatments based upon this New Paradigm resulting in safe, efficacious and predictable therapies for these challenging conditions.

Ingenious Dentists have attempted countless mechanisms persistently applying traditional mechanistic force systems to the developing craniofacial structures, attempting optimization of Cranio-Facial-Respiratory Complex growth and development. Most of these efforts have yielded widely variable, unpredictable, and often disappointing outcomes. Orthodontic treatment failure spawned an increased focus on orthognathic surgery, with accompanying risk and uncertainties, as an alternative attempt to correct cranio-mandibular imbalances. Building upon fundamental principles of CF Growth and Development presented by Dr. Bromage, Dr. Simmons will demonstrate current efficient, predictable and currently available orthopedic/orthodontic clinical techniques applicable in growing and non-growing individuals. These techniques are easily incorporated into current orthodontic treatment regimes, including Neuromuscular Dentistry. Case studies will demonstrate how application of a new paradigm may improve outcomes for patients with conditions directly related to deficiencies of Cranio-Facial-Respiratory Complex growth and development

