

## **CMD-Orthodontics saves Millions of Dollars**

Correcting dysfunction of occlusal contacts by fillings or malinclined teeth relieves millions of patients from their different forms of pain and saves millions of dollars to the society and insurances.

“Originally it was estimated that over 20% of the average population have symptoms relating to the temporomandibular apparatus at one time or another. This percentage now has increased to over 50%, since more and more symptoms are being connected with this craniomandibular, or temporomandibular, area.”

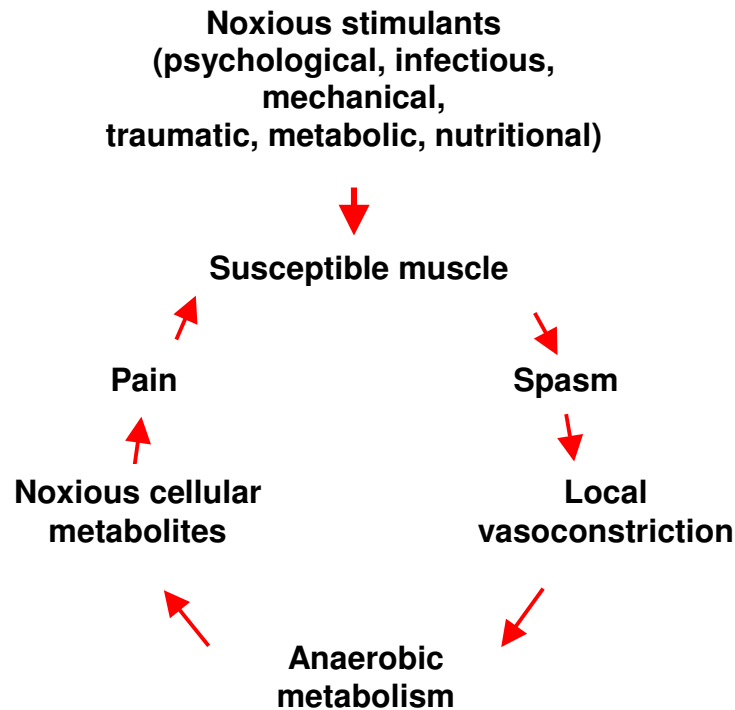
- There are literally millions of people suffering from craniomandibular problems who currently have nowhere to go.
- The dentist of the future will use basic dental skills plus increased knowledge to help these people while working more closely with medical colleagues.
- We are beginning to realize that such a minute thing as a high filling may have a disastrous effect an the entire body.
- Dentists and physicians working closely together will bring great benefits to their patients. The field of the temporomandibular apparatus effectively breaks down the artificial barriers that have existed between medicine and dentistry.
- No longer can dentists afford to look at themselves as being in a limited field, in which their treatment has little or no effect on the rest of the human structure.”

[“Diseases of the temporomandibular apparatus”, Douglas H. Morgan, D.D.S., L.R. House, M.D., W. P. Hall, M.D., J. Vamvas, D.D.S., F.A.,C.D., Preface]

### **Change in paradigm**

Scientific development turned and extended the profession of dentists and orthodontists from a more technical discipline towards disciplines to treat medical diseases of pain like headaches, migraines, tinnitus vertigo, spasm of muscles in the head-shoulder region, the so called a Craniomandibular Dysfunction, CMD.

## “The pain-spasm-pain cycle”



**Fig.** Pain-spasm-pain cycle is a vicious deteriorative biochemical cycle resulting in muscular spasm and subsequent pain referral patterns

[“Diseases of the temporomandibular apparatus”, Eric Paul Shaber, D.D.S., “Considerations in the treatment of muscle spasm” ]

- It is absolutely against any logic to treat each symptom in the CMD-cycle in different disciplines or by pharmaceutical drugs, continuing in an endless depressing cycle of pain and costs for patients insurances and employers – up to dangerous attacks of dizziness and vertigo by driving a car.
- CMD-Orthodontics is the logical consequence to treat all the symptoms of CMD by their origin, the occlusal dysfunction.
- In supporting CMD-Orthodontics, insurance companies will save millions of dollars with a simultaneous support of patients, families and employers.
- Straight wire orthodontics in mechanics and anatomy will not contribute to medical orthodontics to treat CMD-diseases, in contrary, it may cause it.
- Reduced or no knowledge of fixed functional mechanics will contribute to CMD-diseases additionally.