OSB
ORAL SYSTEMIC BALANCE
THERAPEUTIC SYSTEMS

Predictable Responses
In A Broad Range Of Conditions

Sleep Disturbances; Day and Night Symptoms
Pain; Head, Neck and Upper Back
Posture Breakdown
Introduction
To A
New Science
Oral Systemic Balance
Therapeutic Systems

- Biology And Application Of Biology Developed Over 25 years
- Peter Boucher Made Current Level Of Application Possible
- Application Requires Titanium
TMJ Problems Involve Head, Neck and Facial Pain

- Primarily Muscular
- Postural Breakdown
- Fight or Flight Effects
Classic Jaw System Related Pain

• Headache
  – Behind Eyes
  – Temples
  – Base of Skull

• Jaw Muscular Pain

• Neck and Shoulders
Muscular Jaw Problems

- Classified By Signs And Symptoms
- Undefined Etiology
- Related to Many Other Conditions
  - Fibromyalgia, Chronic Fatigue, sleep disturbance etc.

N.I.H. Management of Temporomandibular Disorders
YUNUS HAS PROPOSED A SYNDROME OF TMJ RELATED CONDITIONS

[Diagram showing various conditions related to dysregulation spectrum syndrome]

Farrand C. Robson, DDS PS  Oral Systemic Balance
Cardiovascular And Sleep-Related Consequences Of Temporomandibular Disorders NHLBI Workshop

- National Heart, Lung and Blood Institute NHLBI
- NHLBI Division of Heart and Vascular Diseases DHVD
- NHLBI National Center on Sleep Disorders Research NCSDR
  December 3-4, 2001  Bethesda, Maryland
Jaw System
Anatomic Considerations
Jaw System (TMJ) Dysfunction
The Jaw System

- The Jaw System Is The Primary Mechanism Supporting The Throat
- Essential To Survival
- Needed To Maintain The Primary Oral And Throat Functions
  - Swallowing
  - Speaking
  - Breathing
Jaw Related Head, Neck and Facial Pain

• Defines Jaw System Dysfunction (TMJ Problems)

• Is Part Of Sleep Disorders, Fibromyalgia, Stroke, Cardiovascular Disease, and Others

• A Common Factor In A Great Many Concerns
Cardiovascular Disease
High Blood Pressure
Sleep Disturbance
On Edge Feelings
Posture Breakdown
Chronic Pain
Stroke
Jaw System Dysfunction

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Biological Integration

THE BALANCE ORTHOTIC

Oral Systemic Balance Therapeutic Systems

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Balance Orthotic Requires Titanium

- Allows Jaw Motions And Management Of System Loading
- Strength
- Light Weight
- Durable
- Inert
Balance Orthotic Components
Mounting Plates

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PTG Mounting Plate
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R R R Elbow