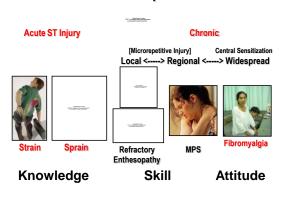


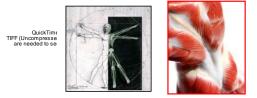
Concept

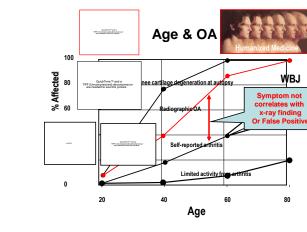


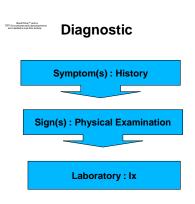
Clinical Diagnosis

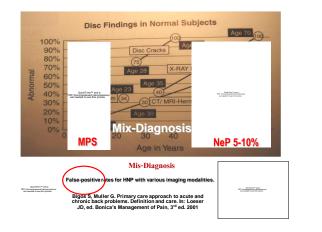
Acute

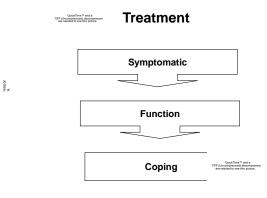
Chronic

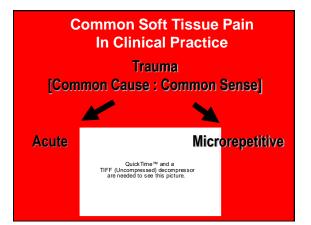




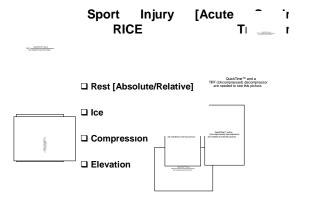












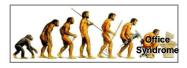


QuickTime™ and a TFF (Uncompressed) decompressor are needed to see this picture. NSAIDS

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MPS the chronicle



- Epidemiology : most common chronic pain in clinical practice (NOW)
- Pathophysiology : exactly unknown: overload principle is favorable Diagnosis : High Touch R/I & High Tech R/O
- Diagnosis : High Touch K/I & High Touch K/I
- & Fix PPF
- Prognosis: Best of all in chronic pain syndrome

Clinical Pictures

Myofascial Pain Syndrome & Dysfunction

- Pain (Bizarre referred pain but specific to each TrP)
- Autonomic Symptom(s)
- Associated neurologic symptom(s)

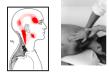
Essential RP

Active ++ Latent



Diagnostic Criteria (R/O And R/I)

Hx : Regional Pain Syndrome PE : Palpable Trigger Point



High touch is important as High technology

Common characteristic of the TrP :

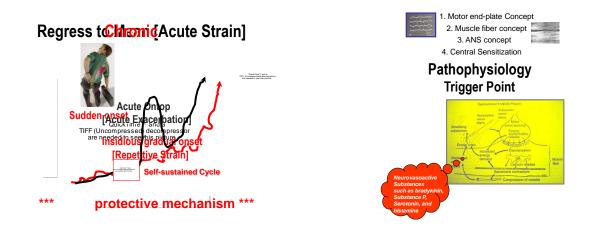
- 1. Hyperirritable Spot
- 2. Reproducible referred symptom
- 3. Palpable of Taut band or nodule

Etiology of Myofascial Trigger Points (Overload Principle)

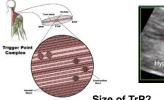
- Acute Overuse : Traumatic and/or sport-related
- Chronic Overuse : poor posture with microrepetitive • trauma



Field Work → Office Syndrome WWW

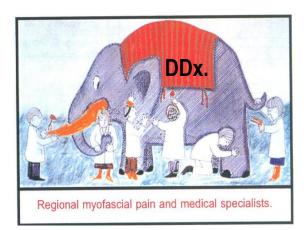


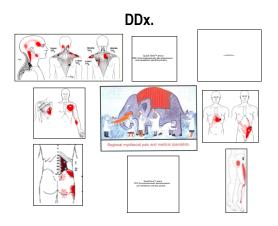
Sikdar S, Shah JP, Gebread T, et al. Novel applications of ultrasound technology to visualize and characterize myofascial trigger points and surrounding soft tissue. Arch Phys Med Rehabil Vol 90, November 2009;1829-38.

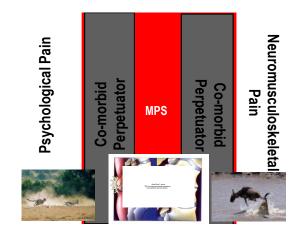


Size of TrP?

Myofascial Pain Syndrome











In practice MPS is The largest cross-road of conventional and alternative medicine



Trigger Point Eradication : Short-term goal Correct Perpetuating Factor : Long-term goal



Selected of the patient For the Rx. Of choice

Patient preference & compliance
 Contraindication

Contraindication
Skill of the Therapist

QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.

No Single Standard of the Treatment Combine is common in practice(Mix & Match)

How long does it last?



The Philosophy of The Perpetuating Factor

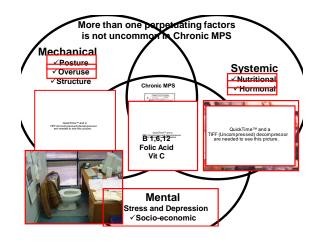


• Physical or/and Mental overload?



Quarter and a TIPP (Decompressed) decompressor are needed to see this pattern. QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.

QuickTime TIFF (Uncompresse



⊠. Psychological Factor

Anxiety and depression increase when related to medical symptoms without identified pathology (Katon et al. 2001)

MPS ↔ Stress & Depress ↔ MPS (Cognitive Error)



Negative Interpretation

Patient? <----> Physician?



Shall I cure? When?

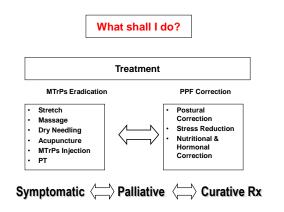
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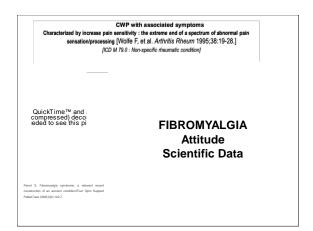
QuickTime™ and a TIFF (Uncompressed) decompressor are needed to see this picture.

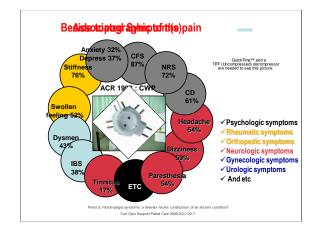
Mechanical Systemic Psychological

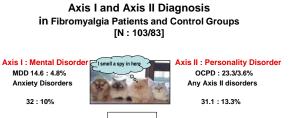
Multifactor





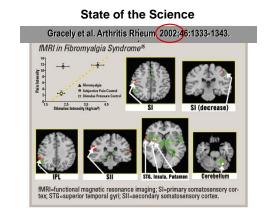


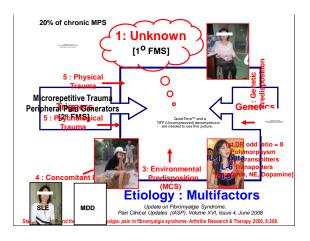




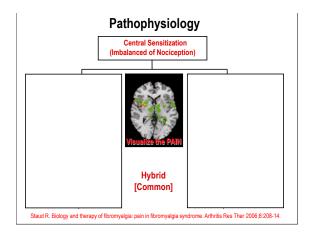
Axis III : Medical/Physical Disorder [Chronic Pain]

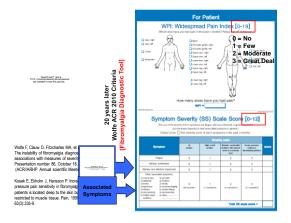
F Uguz et al. Axis I and Axis II psychiatric disorders in patients fibromyalgia. General Hospital Psychiatry 2010;32:105-07.



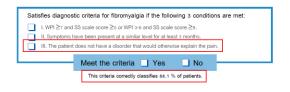


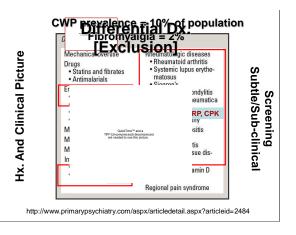
7



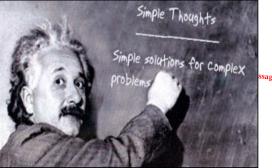


For Physician





Management

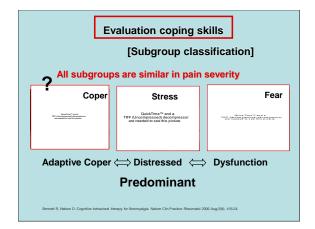


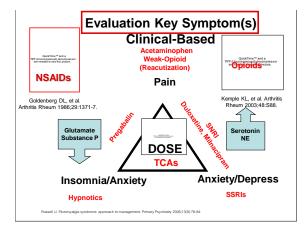
[Outcome of Mixed Result] Common phenomena in Heterogenous Condition

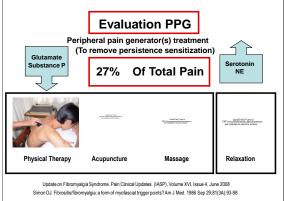
|: Kev symptom(s) II: PPG III:Coping skill



1. Ru
 2. Update on Fiborryalgia Syndrome. Pain Clinical Updates (IASP) 2008 Jun; 16(4).
 3. Bennett R, Nelson D. Cognifive behavioral therapy for fibrorryalgia. Nature Clin Practice Rheumatol
 000 Aum (199. V 16. 2).

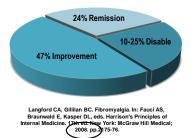




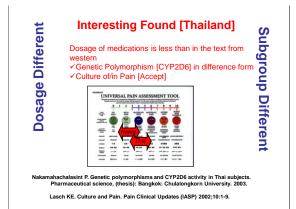


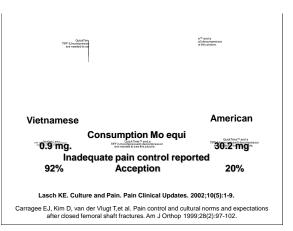
Staud R. Biology and therapy of fibromyalgia: pain in fibromyalgia syndrome. Arthritis Research & Therapy 2006, 8:208.





Community Hospital NB : 2 years follow up, Go slow, Nature of the disease





Conclusion

Sudden ST Injury





