

Meeting the Challenges of Opioids and PAIN

Overview of Alternative Pain Treatment
Monday, January 14, 2019



A Provider Toolkit

Meeting the Challenges of Opioids and PAIN:

PATIENT EDUCATION ON PAIN AND OPIOID PRESCRITIONS

ADDRESSING OPIOID PRESCRIPTION PRACTICES

DENTIFYING SAFE AND EFFECTIVE PAIN MANAGEMENT PROTOCOLS

 ${f N}$ onpharmacologic and non-opioid pharmacotherapy alternatives

http://www.stratishealth.org/pip/opioids.html

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Meeting the Challenges of Opioids and Pain: An Overview of Alternative Pain Treatment Options

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About Me

- University of Minnesota Medical School
- Residency in Physical Medicine and Rehabilitation



About Me

- Fellowship in Pain Management Fairview Health Services
- Started at Health Partners 10/2013



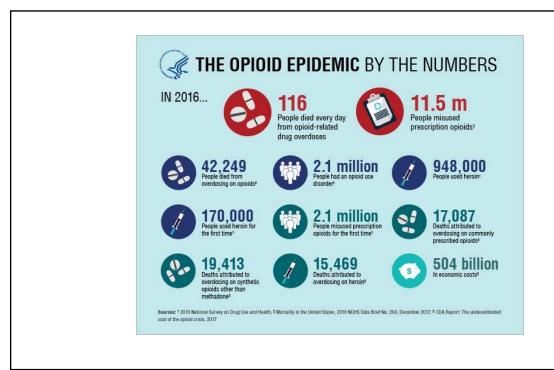
Financial Disclosure

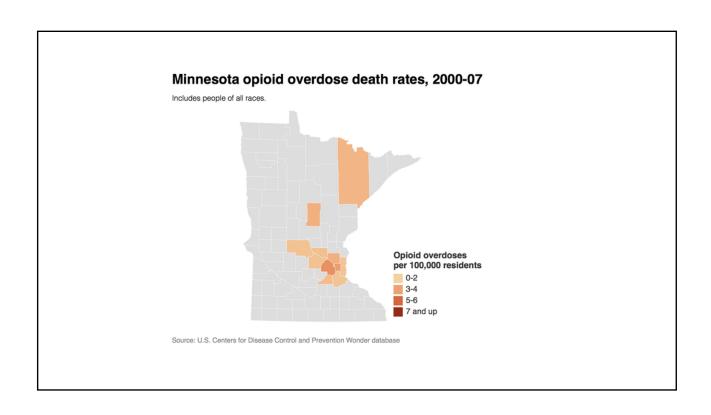
• Nothing to Disclose

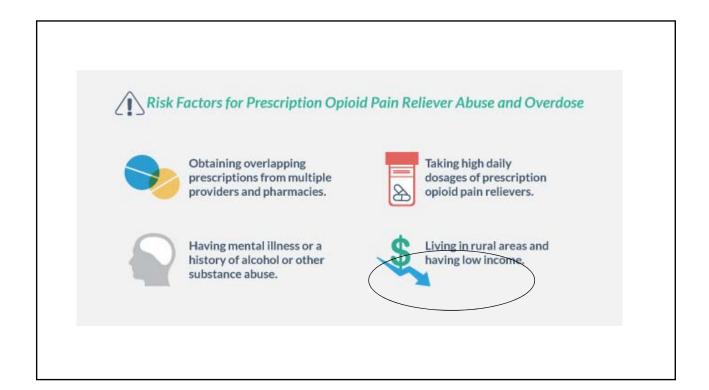
- Brief Refresher on the opioid epidemic
- Understanding and classifying pain to better match treatments
- High level overview of various treatment options

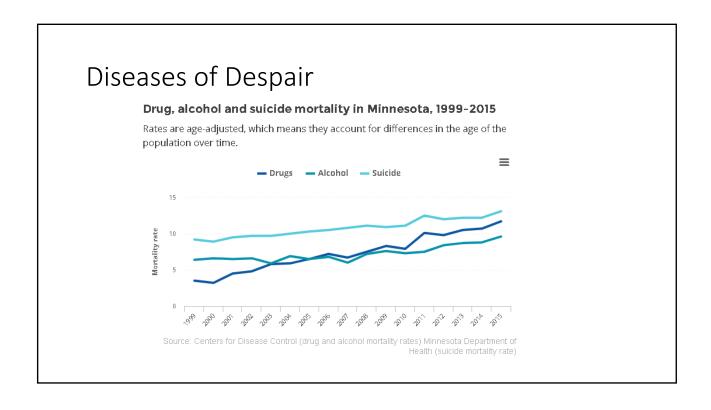
What is an opioid?

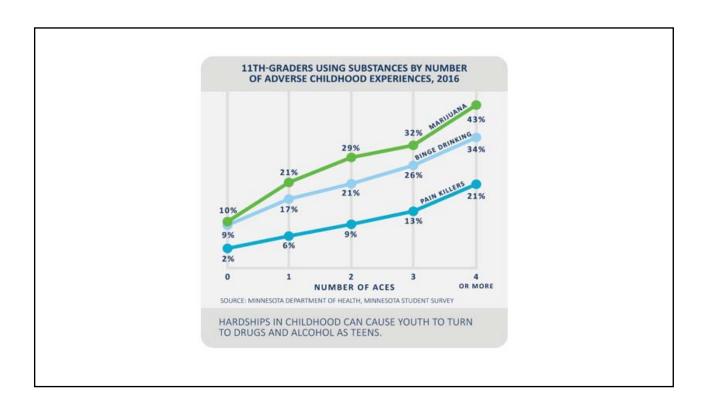
Medication Generic Name	Brand Names	Street/Slang Names
Oxycodone	OxyContin®, Percodan®, Percocet®, and others	O.C., Oxycet, Oxycotton, Oxy, Hillbilly Heroin, Percs
Hydrocodone or dihydrocodeinone (typically combined with acetaminophen)	Vicodin®, Lortab®, Lorcet®, and others	Vike, Watson-387
Morphine	Kadian®, Avinza®, MS Contin®, Duramorph®, Roxanol®	M, Miss Emma, Monkey, White Stuff
Codeine	Various brand names; often combined with acetaminophen and aspirin	Captain Cody, Cody, Lean, Schoolboy, Sizzurp, Purple Drank With glutethimide: Doors & Fours, Loads, Pancakes and Syrup
Fentanyl	Duragesic®, Actiq®, Sublimaze®	Apache, China Girl, China White, Dance Fever, Friend, Goodfella, Jackpot, Murder 8, Tango and Cash, TNT
Hydromorphone	Dilaudid®	D, Dillies, Footballs, Juice, Smack
Meperidine	Demerol®	Demmies
Oxymorphone	Opana®	Biscuits, Blue Heaven, Blues, Mrs. O, O Bomb, Octagons, Stop Signs



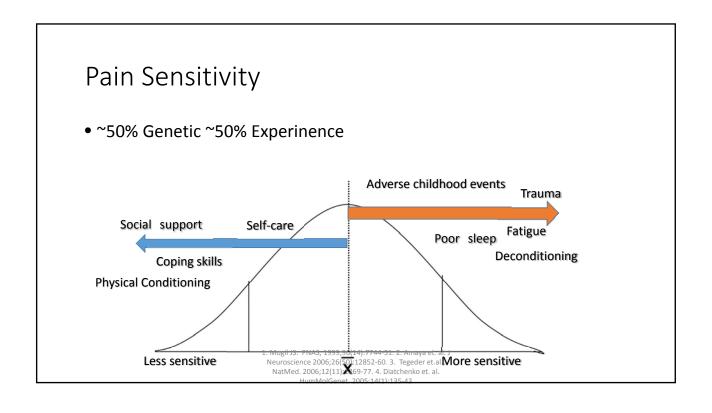


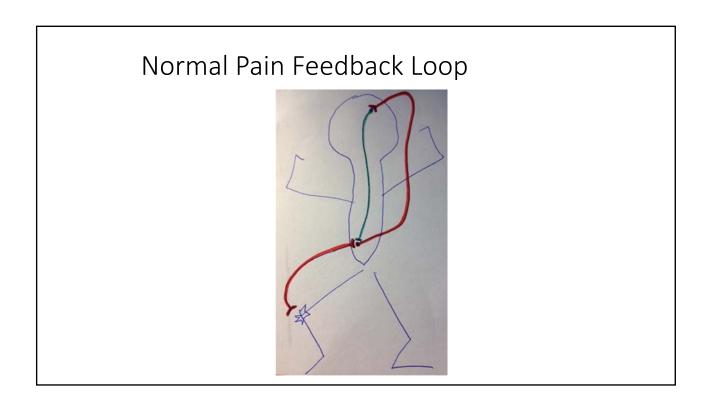




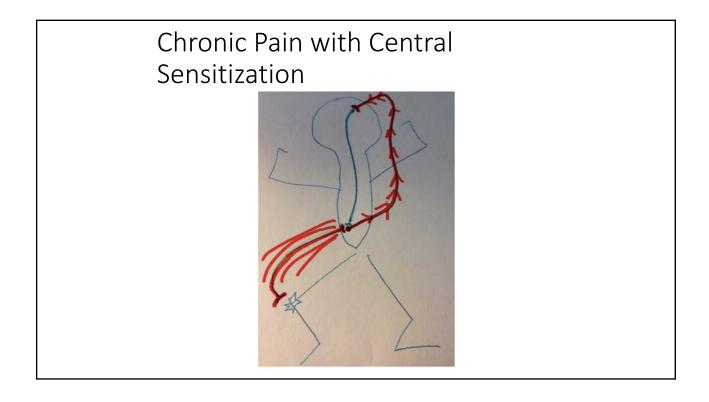


Chronic Pain Management

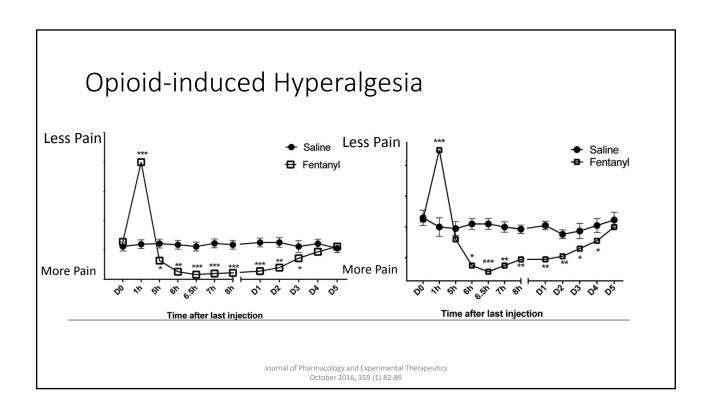


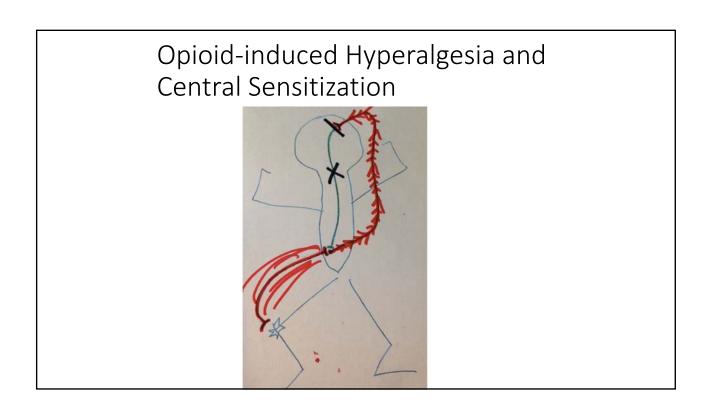


Central Sensitization

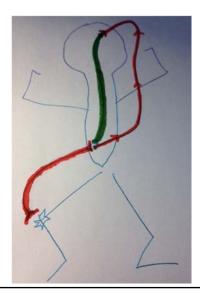


MIT2 Sensory input can be turned up or down. In Central Sensitization it is turned way up. Loss of descending inhibitory control. This is not a psychological illness. Marsolek, Isaac T, 10/30/2017





Well-Managed Chronic Pain



Central Sensitization in action

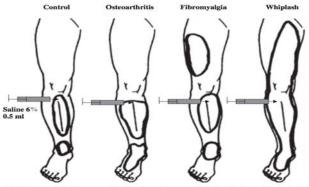
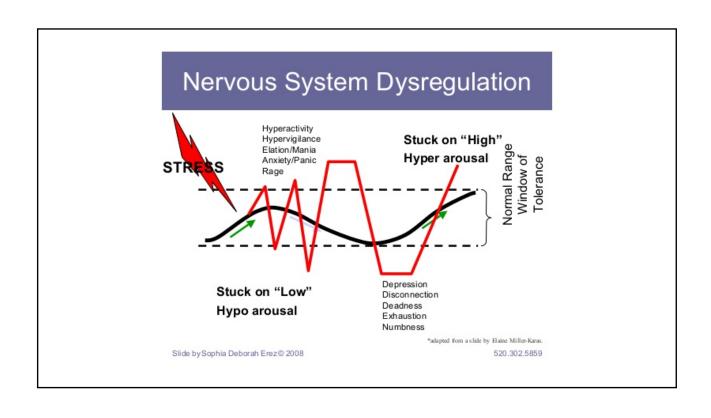
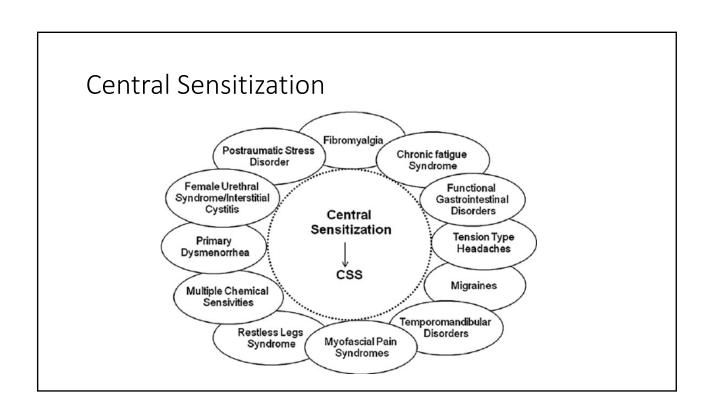
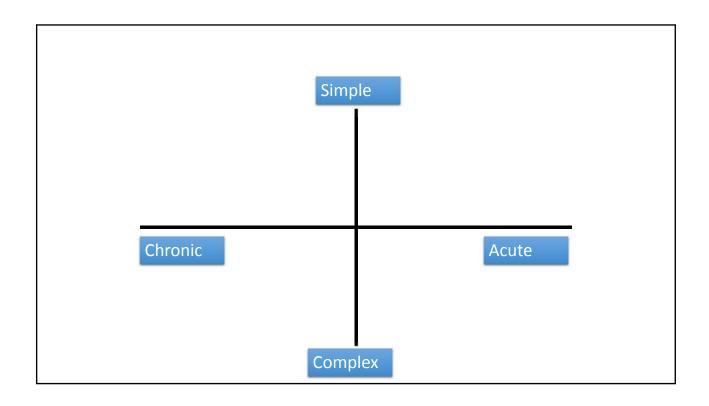
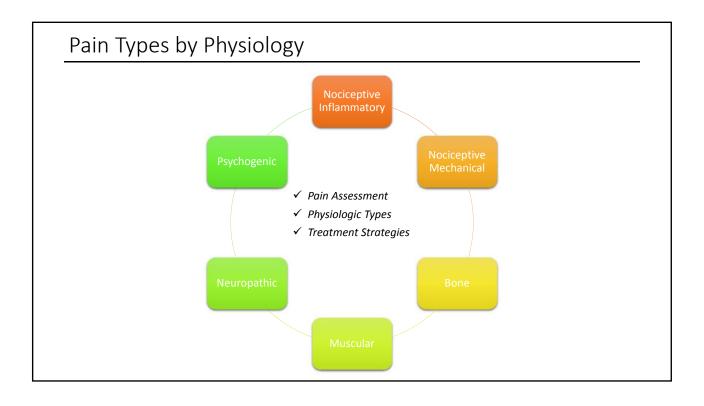


Fig. 2. Pain maps after intramuscular injection of hypertonic (6%) saline 0.5 mL into the tibial anterior muscles of individual subjects. Notice the wider areas of referred pain in patients compared with the healthy subject, strongly indicating central hypersensitivity. (Courtesy of Lars Arendt-Nielsen, Aalborg, Denmark.)

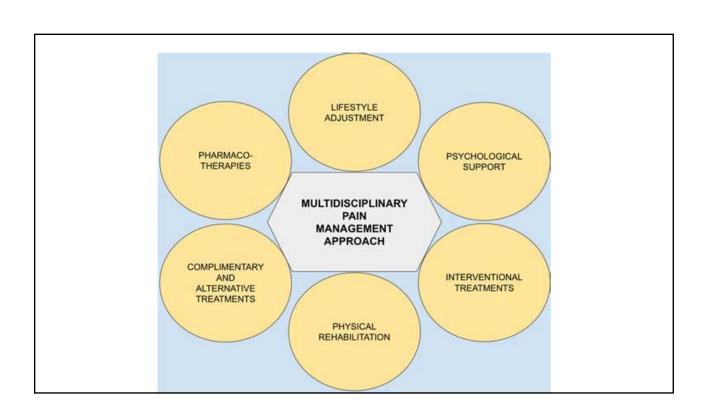




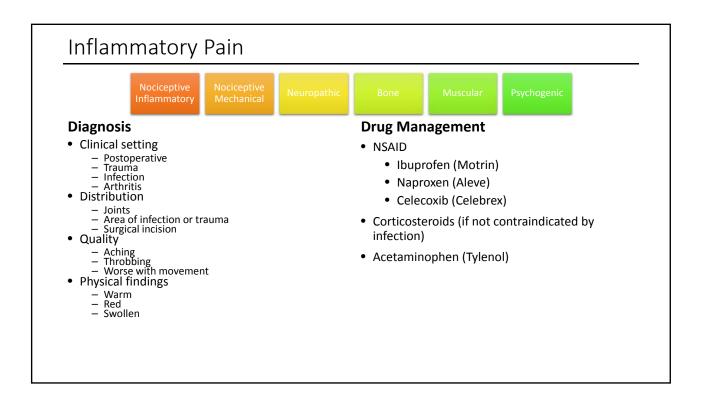


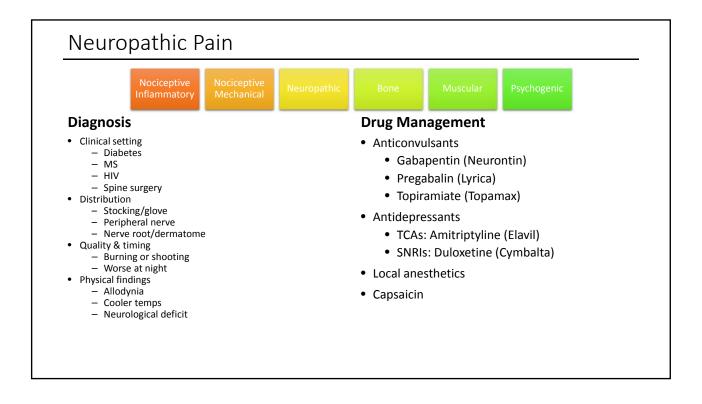


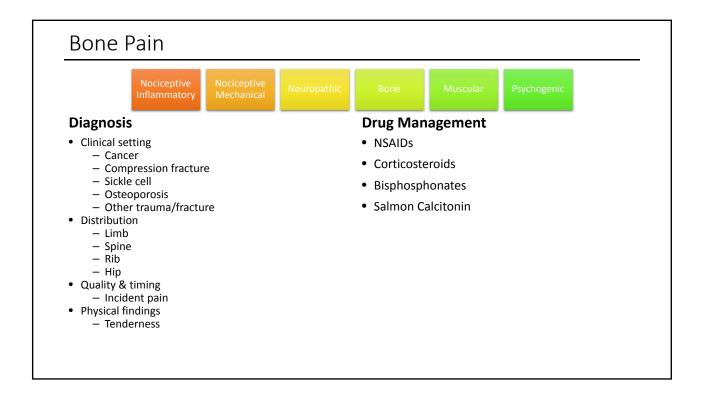
Pain Treatments need to match the Patient's Pain!

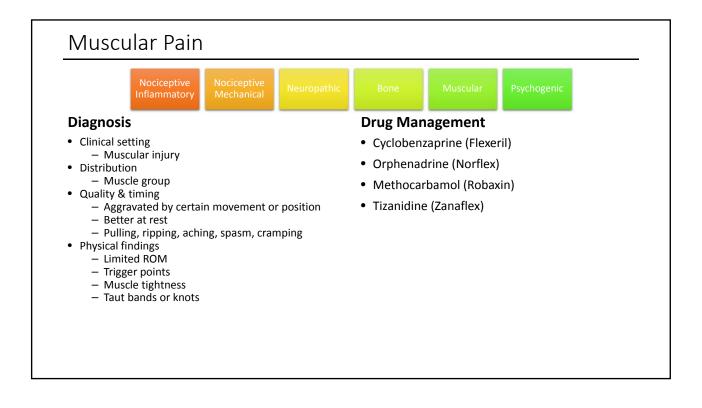


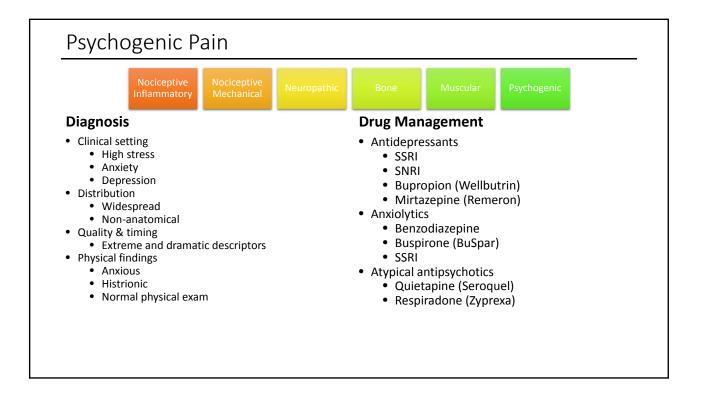
Pharmacotherapy









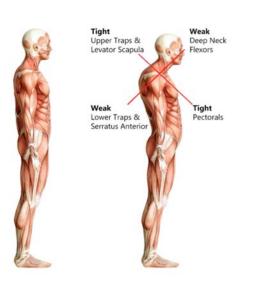


Rehabilitation Therapies

- Physical Therapy
- Occupational Therapy
- Speech Therapy

Rehabilitation Therapies: Treatments

- Exercise/Conditioning/Stretching
- E-Stim
- TENS
- Ultrasound treatments
- Dry Needling
- Taping
- Pool therapy



Interventional Treatments

- Joint injections
- Epidural Injections
- Radiofrequency Ablation
- Neuromodulation

Psychological Support

- Biofeedback
- Relaxation Training
- Cognitive Behavioral Therapy (CBT)
- Dialectic Behavioral Therapy (DBT)
- Hypnosis
- Trauma based therapies
- Emotionally focused therapies

 Between 60-70% of patients that present to chronic pain clinics have untreated or under treated depression, anxiety, or bipolar disorder.

Complementary and Alternative Treatments

- Acupuncture
- Chiropractic care
- Yoga
- Nutrition
- Tai Chi
- Massage Therapy

Summary

- Pain is a complex and multifactorial.
- Our experiences can significantly change our biology and perception of pain for better or worse.
- There are numerous treatment options that are not opioids
- Treatments need to match the Patient's complexity

Questions

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