Promoting Excellence in Perinatal and Neonatal Care Conference

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Acute Pain Management for Inpatients with Opioid Use Disorder

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“A survey by the American Academy of Pain Medicine found that even comprehensive treatment with painkilling prescription drugs helps, on average, only about 58% of people with chronic pain.”
More sensitive to pain

Tolerance to opioids
What to do?

Depression: A Systemic Illness—
The Emotional and Physical Signs

- Depressed mood
- Anhedonia
- Hopelessness
- Low self-esteem
- Impaired memory
- Difficulty concentrating
- Anxiety
- Preoccupation with negative thoughts
- Headache
- Fatigue
- Disturbed sleep
- Dizziness
- Chest pain
- Vague joint/limb pain
- Vague back/abdominal pain
- GI complaints (nausea, vomiting, constipation, diarrhea, gas)
- Sexual dysfunction/apathy
- Menstrual problems

Adapted from:

Multimodal Analgesia

NSAIDs
Acetaminophen/paracetamol
Tramadol
Anticonvulsants
Antidepressants
NMDA antagonists
IV Dexamethasone
Alpha-2 agonists

Non-Medication Interventions

Physical Therapy
Yoga
Acupuncture
Chiropractic
Therapeutic Massage
Mindfulness-based Stress Reduction

NAS Primer, Reference & Decision Support

- Funded by National Institute on Drug Abuse
  10/17 thru 9/19
- Components –
  - Online Training Course and Inter-rater Reliability Evaluation
  - Mobile Device FNAST Scoring
    • Contextual Reference/Help for FNAST Symptom Entry
  - Evaluation of mobile device content and efficiency
Training Content

- The educational course contains seven (7) lesson components and an overview. The seven components are:
  - Lesson 1 – Epidemiology of NAS and NOW and Pathophysiology of NAS
  - Lesson 2 – Symptoms of NAS or NOW
  - Lesson 3 – FNAST Scoring System
  - Lesson 4 – Toxicology
  - Lesson 5 – Pharmacological Treatment for NAS and NOW
  - Lesson 6 – Non-Pharmacologic Treatment
  - Lesson 7 – Transition to Follow Up Care

Phase 1 Simulation Lab User Feedback

- Usability validated in WSU simulation January 2017
  - 8 users age 22 to 66
- Users believed the curriculum was clear and concise, provided modules that kept their attention, allowed the ability to proceed at their own pace, and provided useful content.
- An experienced NICU user feedback indicates that “Because the video does such a good job of teaching people it might prevent some kids from coming to us that don’t need to come...”