

Treating acute pain in opioid-dependent patients: Review and recommendations

13 September 2017

As healthcare providers see more patients with opioid abuse and dependence, they face a difficult challenge: What's the best way to manage acute pain without contributing to the patient's opioid use disorder (OUD)? A review and recommendations for acute pain treatment in patients with OUD is presented in the September/October *Journal of Trauma Nursing*, official publication of the Society of Trauma Nurses.

Coleen Dever, MSN, AGCNS-BC, CEN, TRCN, of Christiana Care Health System, Wilmington, Del., advocates a "holistic, multimodal" approach to acute [pain treatment](#) in patients who are dependent on opioids. She believes that education—for healthcare providers as well as patients—is a key step in providing effective pain control in patients who have OUD or risk factors for [opioid dependence](#).

Recommendations for Pain Treatment in Patients with Opioid Dependence or Addiction

The United States is in the midst of an opioid epidemic, with unprecedented rates of overdose, abuse, and addiction to prescription opioid pain relievers and heroin. "Pain and addiction often occur together," Coleen Dever writes. However, the nature of the association remains unclear: pain may lead to opioid use then addiction, or substance abuse may lead to pain syndromes. Adequate treatment of acute pain may play an essential role in preventing both [chronic pain](#) and opioid dependence.

Many patients with opioid dependence have chronic pain, which leads to changes in the physiological and emotional aspects of pain. Abnormal pain responses may develop both in patients with chronic pain (central sensitization) and opioid use (opioid-induced hyperalgesia).

Treating new acute pain in patients with OUD after traumatic injury poses special challenges.

"Treatment for acute pain in the opioid-dependent patient is multifactorial, although there are no set guidelines to follow," Coleen Dever writes.

She outlines practical recommendations for acute pain management for patients with or at risk of OUD. *Education* can help nurses become more aware of attitudes and behaviors—including negative stereotypes about drug users—that may influence pain management and patients' experience of pain. Various *screening tools* have been developed to assess risk factors for developing OUD in individual patients.

The treatment plan for acute pain management must account for the patient's medical and psychological history, physical status, emotional stage, previous pain experience, and injury-related factors. *Psychological tools* for [pain management](#) include caring and respectful behaviors by healthcare practitioner. Measures such as relaxation/imagery techniques and cognitive behavioral therapy can reduce the need for pain medications.

Treatment should consider the range of *multimodal medication* options. Alternatives include nonsteroidal anti-inflammatory drugs and certain types of antidepressant and anticonvulsant medications. Some [patients](#) with chronic pain may need to continue their long-acting pain medications while receiving additional medications to control [acute pain](#).

"Whenever initiating [opioid](#) therapy, it is important to start at the lowest dose then titrate [adjust] appropriately, taking into consideration that pain is the experience of the patient and needs to be managed until effective pain control is obtained," Coleen Dever writes. "This does not mean elimination of pain entirely, but allowing [pain](#) to be manageable."

She emphasizes the need to assess possible risk

of OUD before the patient is sent home, with continued monitoring of [pain relief](#) and medication use afterward. She adds, "There is great need for future research regarding safe prescribing of opioids at time of discharge from the acute care setting."

More information: Coleen Dever. Treating Acute Pain in the Opiate-Dependent Patient, *Journal of Trauma Nursing* (2017). [DOI: 10.1097/JTN.0000000000000309](#)

Provided by Wolters Kluwer Health

APA citation: Treating acute pain in opioid-dependent patients: Review and recommendations (2017, September 13) retrieved 27 April 2021 from <https://medicalxpress.com/news/2017-09-acute-pain-opioid-dependent-patients.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.