













 Figure 2: The Biopsychosodal Model of Pain Management











Clinical diffe	erentiation: chronic pain	vs. opioid misuse
	Opioid users for chronic pain	Opioid abusers
Use of opioids	Appropriate, reported	Out of control
Quality of life	Improved by opioids	Impaired by opioids
Awareness of opioid related side effects	Complete	Unconcerned
Diagnosis	Available	Unavailable
Treatment plan & medical prescription	Followed	Unavailable
Opioid medication	Available	Illicit, hidden



apted from Coluzzi et al. 2017, p.116











Behavioral Health Approaches for psychological, emotional,

- behavioral, cognitive, and social aspects of pain may significantly impact treatment outcomes
- Patients with pain and behavioral health comorbidities face challenges that can exacerbate painful conditions as well as function ADLs, and quality of life

Complementary and Integrative Health

• When clinically indicated should be considered spirituality, massage, acupuncture, movement therapies (yoga, tai chi)

22





DHHS, 2019





COLLABORATIVE PERIOPERATIVE CARE TEAM APPROACH
Managing the chronic pain patient who will experience acute postoperative pain





























The importance of self care

- Important to "team debrief" after challenging patient encounters second victim
- Healthy coping mechanisms
- · Seek out employee support resources

38





Bibliography

- Aroke EN, McMullan SP, Woodfin KO, Richey R, Doss J, Wilbanks BA. A practical approach to acute postoperative pain management in chronic pain patients. J Perianesth Nurs. 2020: 35(6):564-573, doi: postoperative pain manage 10.1016/j.jopan.2020.03.002.
- Bourne S, Machado AG, Nagel SJ. Basic anatomy and physiology of pain pathways. Neurosurg Clin N Am. 2014;25(4):629-38. doi: 10.1016/j.nec.2014.06.001.
- Buys MJ, Bayless K, Romesser J, Anderson Z, Patel S, Zhang C, Presson AP, Beckstrom J, Brooke BS. Multidisciplinary transitional pain service for the veteran population. *Fed Pract*. 2020;37(10):472-478. doi: 10.12788/fp.0053
- Coluzzi F, Bifulco F, Cuomo A, Dauri M, Leonardi C, Melotti RM, et al. The challenge of perioperative pain management in opioid-tolerant patients. *Ther Clin Risk Manag.* 2017;13:1143-1173. doi: 10.2147/TCRMS.141332.
- Comet EM, Kline RJ, Robichaux SL, Green JB, Anyama BC, Gennuso SA, Okereke EC, Kaye AD. Comprehensive perioperative management considerations in patients taking methadone. *Curr Pain Headache Rep.* 2019;17;23(7):49. doi: 10.1007/s11916-019-0783-z.
- Dubos KE. Tips, tricks, and techniques for managing the chronic pain patient in the ambulatory setting. J Perianesth Nurs.2018:33(1):87-89.
- Edwards DA, Hedrick TL, Jayaram J, Argoff C, Gulur P, Holubar SD, Gan TJ, Mythen MG, Miller TE, Shaw AD, Thacker, IKM, McEvoy MD; POQI+4 Working Group. American Society for Enhanced Recovery and Perioperative Quality Initiative joint consensus statement on perioperative management of patients an preoperative oploid therapy. Anesth Analg. 2019;129(2):553-566. doi: 10.1213/ANE.000000000004018.

Bibliography (continued)

- Everson M, McLain N, Collins MJ, Rayborn M. Perioperative pain management strategies in the age of an opioid epidemic. J Perianesth Nurs. 2020; 35(4):347-352. doi: 10.1016/j.jopan.2020.01.001.
- Gazdick, S, Boehm L et al. Early Identification of patients with chronic pain in pre-op center leads to better outcomes for pain control after surgery. J PeriAnesth Nurs. 2014; 29(5):e17.
- Jackman C. Perioperative pain management for the chronic pain patient with long-term opioid use. Orthop Nurs. 2019;38(2):159-163. doi: 10.1097/NOR.00000000000526. Phillips K, Klauw DJ. Central pain mechanisms in chronic pain states – maybe it is all in their head. Best Pract Res Clin Rheumatol. 2011; 25(2):141–154. doi:10.1016/j.berh.2011.02.005,
- Vadivelu N, Mitra S, Kai AM, Kodumudi G, Gritsenko K. Review of perioperative pain management of opioid-dependent patients. J Opioid Manag. 2016; 12(4):289-301. doi: 10.5055/jom.2016.0344.
- Vetter TR, Kain ZN. Role of the perioperative surgical home in optimizing the perioperative use of opioids. Anesth Analg. 2017;125(5):1653-1657. doi: 10.1213/ANE.00000000002280.
- Urien J, Wang J. Top-down cortical control of acute and chronic pain. Psychosom Med , 2019; 81(9): 851–858. doi:10.1097/PSY.000000000000744.
- U.S. Department of Health and Human Services (DHHS). (2019, May). Pain Management Best Practices Inter Agency Task Force Report: Updates, Gaps, Inconsistencies, and Recommendations. Retrieved from U.S. Department of Health and Human Services website: <u>https://www.hhs.gov/ash/advisory-</u> committees/pain/reports/index.html

Question 1

When conducting a pre-anesthesia telephone interview, the perianesthesia nurse notes that the patient takes daily scheduled doses of a long-acting opioid, an anticonvulsant, and an antidepressant medication. The <u>most appropriate</u> action for the nurse to take for this patient is:

- a. Tell the patient to hold these medications on the day of surgery to prevent oversedation.
- b. Document the medication reconciliation list in the patient's record.
- c. Pursue a preoperative specialty care pain consult.
- d. Discuss the need for preoperative opioid dose reductions with the patient.

43

Question 2	2	
	atient taking 40mg of long-acting oxycodone was recently in an opioid naïve state.	
a.	True	
b.	False	

44

Question 3 Chronic pain patients who will experience an acute pain episode: a. May exhibit weak coping skills in the PACU. b. Require a coordinated multimodal pain management plan

- b. Require a coordinated multimodal pain management plan, including pre-emptive regional analgesia unless contraindicated.
- c. Often fear poor pain management outcomes.

d. All of the above.

45

