

ESSENTIAL ARTICLES OF PM&R

PAIN, Other than Low Back Pain

Author:

Chloe Bomberger, MD

Opioid Prescribing: A systematic review and critical appraisal of guidelines for chronic pain.
Nuckols TK, Anderson L, Popescu I, Diamant AL, Doyle B, Di Capua P, Chou R. Ann Intern Med 2014 Jan 7;160 (1):38-47. This article details a systematic review and critical appraisal of clinical guidelines published between January 2007 and July 2013 addressing the use of opioids for chronic pain in adults, with a focus on mitigating clinical risks, particularly of accidental overdose. While evidence was limited and methods on determining guidelines was variable, most guidelines recommend that clinicians avoid doses greater than 90 to 200 mg of morphine equivalents per day, have additional knowledge to prescribe methadone, recognize risks of fentanyl patches, titrate cautiously, avoid concurrent benzodiazepines, and reduce doses by at least 25% to 50% when switching opioids. Guidelines also agree that opioid risk assessment tools, written treatment agreements, and urine drug testing can mitigate risks. Future research should directly examine the effectiveness of opioid risk mitigation strategies.

Resistance exercise training for fibromyalgia (Review).

Busch AJ, Webber SC, Richards RS, Bidonde J, Schachter CL, Schafer LA, Danyliw A, Sawant A, Dal Bello-Haas V, Rader T, Overend TJ. The Cochrane Library 2013, Issue 12.

Fibromyalgia.

Rahman A, Underwood M, Carnes D. BMJ 2014;348:g1224 doi: 10.1136/bmj.g1224.

Glia and pain: Is chronic pain a gliopathy?

Ji R, Berta T, Nedergaard M. Pain 2013;154:S10–S28.

Neuropathic Pain: Principles of diagnosis and treatment.

Gilron I, Baron R, Jensen T. Mayo Clin Proc April 2015;90(4):532-545.

How does pain lead to disability? A systematic review and meta-analysis of mediation studies in people with back and neck pain.

Lee H, Hubscher M, Moseley GL, Kamper SJ, Traeger AC, Mansell G, McAuley JH. Pain 2015;156:988–997.

Adverse drug reactions and drug-drug interactions with over-the-counter NSAIDS.

Moore N, Pollack C, Butkerait P. Therapeutics and Clinical Risk Management 2015;11:1061-1075.

Phantom Limb Pain:Theories and therapies.

Weeks S, Anderson-Barnes VC, Tsao JW. The Neurologist Sept 2010;16(5).

The shared neuroanatomy and neurobiology of comorbid chronic pain and PTSD: Therapeutic implications.

Scioli-Salter ER, Forman, DE, Otis JD, Gregor K, Valovski I, Rasmussen AM. Clin J Pain April 2015;31(4):363-374.

Sleep and pain sensitivity in adults.

Sivertsen B, Lallukka T, Petrie KJ, Steingrimsdottir OA, Stubhaug A, Nielsen CS. Pain August 2015;156(8):1433-1439.

Opioid Prescribing: A systematic review and critical appraisal of guidelines for chronic pain.

Nuckols TK, Anderson L, Popescu I, Diamant AL, Doyle B, Di Capua P, Chou R. Ann Intern Med Jan 2014;160(1):38-47.

Tapering Long-term Opiod Therapy in ChronicNoncancer Pain: Evidence and recommendations for everyday practice.

Berna C, Kulich RJ, Rathmell JP. Mayo Clin Proc June 2015;90(6):828-42.

Medical marijuana for treatment of chronic pain and other medical and psychiatric problems: A clinical review.

Hill, KP. JAMA June 2015;313(24). Cochrane Database Syst Rev. Apr 2013;4:CD009416. doi: 10.1002/14651858.CD009416.pub2.

Interventions for treating pain and disability in adults with complex regional pain syndrome. O'Connell NE, Wand BM, McAuley J, Marston L, Moseley GL. Cochrane Database Syst Rev Apr 2013;4:CD00941.

Mechanism-based treatment in CRPS.

Gierthmulen J, Binder A, Baron R. Nat Rev Neurol Sept 2014;10(9):518-28.

Management of chronic pelvic pain.

Shin JH, Howard FM. Curr Pain Headache Rep Oct 2011;15(5):377-85.

The extent of neurocognitive dysfunction in a multidisciplinary pain centre population. Is there a relation between reported and tested neuropsychological functioning?

Landrø NI, Fors EA, Våpenstad LL, Holthe Ø, Stiles TC, Borchgrevink PC. Pain Jul 2013;154(7):972-7.

Topical NSAIDs for chronic musculoskeletal pain: systematic review and meta-analysis.

Mason L, Moore RA, Edwards JE, Derry S, McQuay HJ. BMC.MusculoskeletDisord 2004;5:28.

Prevalence of chronic pain after traumatic brain injury.

Nampiaparampil DE. JAMA 2008; 300(6):711-719.

Collaborative care for chronic pain in primary care: A cluster randomized trial.
Dobscha SK, Corson K, Perrin NA. JAMA 2009;301(12):1242-1252.

Is mirror therapy all it is cracked up to be? Current evidence and future directions.
Moseley GL, Gallace A, Spence C. Pain 2008;138(1):7-10.