

What processes decrease the risk of opioid toxicity following interventional procedures for uncontrolled pain in palliative care or cancer patients?

List of studies reviewed at full text with reasons for exclusion

	Citation	Reason for exclusion
1.	Amr YM, Amr YM. Comparative study between 2 protocols for management of severe pain in patients with unresectable pancreatic cancer: one-year follow-up. <i>Clinical Journal of Pain</i> . 2013;29:807-13.	Non-OECD (Organisation for Economic Co-operation and Development)
2.	Amr YM, Amr YM. Neurolytic sympathectomy in the management of cancer pain-time effect: a prospective, randomized multicenter study. <i>Journal of Pain & Symptom Management</i> . 2014;48:944-56.	Non-OECD (Organisation for Economic Co-operation and Development)
3.	Arcidiacono PG, Arcidiacono PG. Celiac plexus block for pancreatic cancer pain in adults. [Review]. <i>Cochrane Database of Systematic Reviews</i> 2011 11 Mar 16;(3):CD007519. doi: 10.1002/14651858.CD007519.pub2.	Checked reference list for relevant papers. No eligible studies were identified. Though mention "Opioids have adverse effects (constipation, dry mouth, nausea, vomiting and drowsiness)"
4.	Gulati A, Shah R, Puttannah V, Hung JC, Malhotra V. A retrospective review and treatment paradigm of interventional therapies for patients suffering from intractable thoracic chest wall pain in the oncologic population. <i>PAIN MED</i> 2015 Apr;16(4):802-10.	Exclude due to study design, the consisted of only 4 cases.
5.	Heneka N, Shaw T, Rowett D, Phillips JL. Quantifying the burden of opioid medication errors in adult oncology and	Checked reference list for relevant papers. No eligible studies were identified.

	palliative care settings: A systematic review. Palliat Med 2016 Jun;30(6):520-32.	
6.	Hivelin M, Hivelin M, Wyniecki A, Plaud B, Marty J, Lantieri L. Ultrasound-guided bilateral transversus abdominis plane block for postoperative analgesia after breast reconstruction by DIEP flap. Plastic & Reconstructive Surgery 2011 Jul;128(1):44-55.	The study is about the efficacy of ultrasound guided transverse abdominis plane block for postoperative analgesia after breast reconstruction. No information on opioid analgesia
7.	Mitchell A, McGhie J, Owen M, McGinn G. Audit of intrathecal drug delivery for patients with difficult-to-control cancer pain shows a sustained reduction in pain severity scores over a 6-month period. Palliat Med. 2015;29:554-63.	Although this study gives a detailed titration procedure when switching from oral opioids to interventional pain management, it does not focus on toxicity issues
8.	Nagels W, Nagels W, Pease N, Bekkering G, Cools F, Dobbels P. Celiac plexus neurolysis for abdominal cancer pain: a systematic review. [Review]. Pain Medicine. 2013;14:1140-63.	Checked reference list for relevant papers. No eligible studies were identified.
9.	Plancarte R, Plancarte R, Guajardo-Rosas J, Reyes-Chiquete D, Chejne-Gomez F, Plancarte A, et al. Management of chronic upper abdominal pain in cancer: transdiscal blockade of the splanchnic nerves. Regional Anesthesia & Pain Medicine. 2010;35:500-6.	The study focused on evaluating the efficacy of Splanchnic Nerve Blockade procedure with regard to pain relief, its adverse effects/complications, and patient satisfaction. No information was available about opioid toxicity and its management.
10.	Raphael J. Cancer Pain: Part 2: Physical, Interventional and Complimentary Therapies; Management in the Community; Acute, Treatment-Related and Complex Cancer Pain: A Perspective from the British Pain Society Endorsed by the UK Association of Palliative Medicine and the Royal College	A consensus paper on pain management, including the use of nerve blocks, in a relevant population but with no assessment or review of the outcomes of interest.

	of General Practitioners. Pain Medicine. 2010;11:872-96.	
11.	Tei Y, Tei Y, Morita T, Nakaho T, Takigawa C, Higuchi A, et al. Treatment efficacy of neural blockade in specialized palliative care services in Japan: a multicenter audit survey. Journal of Pain & Symptom Management. 2008;36:461-7.	This study focused on assessing clinical utility of neural blockade. The study reported no data relating to opioid toxicity.
12.	Vayne-Bossert P, Vayne-Bossert P, Afsharimani B, Good P, Gray P, Hardy J. Interventional options for the management of refractory cancer pain--what is the evidence?. [Review]. Supportive Care in Cancer. 2016;24:1429-38.	Checked reference list for relevant papers. No eligible studies were identified.
13.	Wiechowska-Kozłowska A, Boer K, Wójcicki M, Milkiewicz P. The efficacy and safety of endoscopic ultrasound-guided celiac plexus neurolysis for treatment of pain in patients with pancreatic cancer. Gastroenterology Research and Practice Volume 2012, Article ID 503098, 5 pages doi:10.1155/2012/503098	This study focussed on assessing the safety and efficacy of Endoscopic ultrasound guided celiac plexus neurolysis for the treatment of severe pain in patients with advanced pancreatic cancer. The study reported no data relating to opioid toxicity.
14.	Wong FCS. Intercostal nerve blockade for cancer pain: Effectiveness and selection of patients. Hong Kong Medical Journal. 2007;13:266-70.	Non-OECD (Organisation for Economic Co-operation and Development)