

Accepted Manuscript

Opioid-Induced Constipation Relief of Fixed-Ratio Combination Prolonged-Release Oxycodone/Naloxone Compared with Oxycodone and Morphine for Chronic Non-malignant Pain: A Systematic Review and Meta-analysis of Randomized Controlled Trials

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PII: S0885-3924(17)30288-9

DOI: [10.1016/j.jpainsymman.2017.07.025](https://doi.org/10.1016/j.jpainsymman.2017.07.025)

Reference: JPS 9450

To appear in: *Journal of Pain and Symptom Management*

Received Date: 3 February 2017

Revised Date: 16 April 2017

Accepted Date: 6 July 2017

Please cite this article as: Huang L, Zhou J-G, Zhang Y, Wang F, Wang Y, Liu D-H, Li X-J, Lv S-P, Jin S-H, Bai Y-J, Ma H, Opioid-Induced Constipation Relief of Fixed-Ratio Combination Prolonged-Release Oxycodone/Naloxone Compared with Oxycodone and Morphine for Chronic Non-malignant Pain: A Systematic Review and Meta-analysis of Randomized Controlled Trials, *Journal of Pain and Symptom Management* (2017), doi: 10.1016/j.jpainsymman.2017.07.025.

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Running title: Opioid-Induced Constipation Relief of OXN PR for Chronic Non-malignant Pain.

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Abstract

Background. Opioid-induced constipation (OIC) is one of the most frequent and severe adverse events (AEs) following treatment with opioids. Recent studies have indicated that fixed-ratio combination prolonged-release oxycodone/naloxone (OXN PR) could decrease OIC with similar pain relief compared with other opioids.

Objectives. We systematically reviewed (PROSPERO registration numbers: CRD42016036244) the constipation relief of OXN PR compared with other opioids regardless of formulation, prolonged-release or extended-release used for the relief of chronic pain.

Methods. Relevant studies were identified by searching PubMed, EMBASE, Web of Science, and the Cochrane library from inception to May 2016, with an update to December 2016. We

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