

Pre and Post-Operative Use of Caldolor[®],[®] (Ibuprofen) Injection Significantly Reduces Pain and Opioid Use in Newly Published Study

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NASHVILLE, Tenn., Aug. 30 /PRNewswire-FirstCall/ -- **Cumberland Pharmaceuticals Inc.** (Nasdaq: CPIX) today announced the publication of new data supporting the safety and efficacy of Caldolor[®] (*ibuprofen*) Injection in pre and post-operative orthopedic surgery patients. The study, which was published in the August edition of the peer-reviewed journal *Pain Medicine*, concludes that IV ibuprofen significantly decreased pain and morphine use when compared with placebo.

In the United States, more than 60% of patients with moderate or severe pain following surgery receive morphine.(1) Both the World Health Organization and the American Society of Anesthesiologists Task Force recommend a multi-modal approach to pain management, with nonsteroidal anti-inflammatory drugs (NSAIDs) such as ibuprofen as baseline therapy, which can minimize the risk of opioid-related side effects including sedation, nausea, vomiting, cognitive impairment and respiratory depression.(2,3)

"These findings are significant in that they not only confirm that Caldolor is effective in reducing both post-operative pain and morphine use, but also demonstrate that it can be safely administered prior to the induction of anesthesia," said Neil Singla, M.D., Chief Executive Officer of Lotus Clinical Research, Inc. and principal investigator of the study. "This gives physicians additional options for controlling the onset of post-operative pain, which can help improve patient comfort and thereby facilitate recovery."

This multi-center, randomized, double-blind placebo-controlled trial evaluated 185 adult patients undergoing orthopedic surgery at eight hospitals. Patients were randomized to receive either 800 mg IV ibuprofen or placebo every six hours, and pain was measured through patient self-assessment using a visual analog scale (VAS) and a verbal response scale (VRS) in the immediate post-operative period through hour 28 of the study. All

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[SOURCE](#) [1]

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Links:

[1] <http://www.bio-medicine.org/medicine-technology-1/Pre-and-Post-Operative-Use-of-Caldolor-AE--28Ibuprofen-29-Injection-Significantly-Reduces-Pain-and-Opioid-Use-in-Newly-Published-Study-10468-1/>