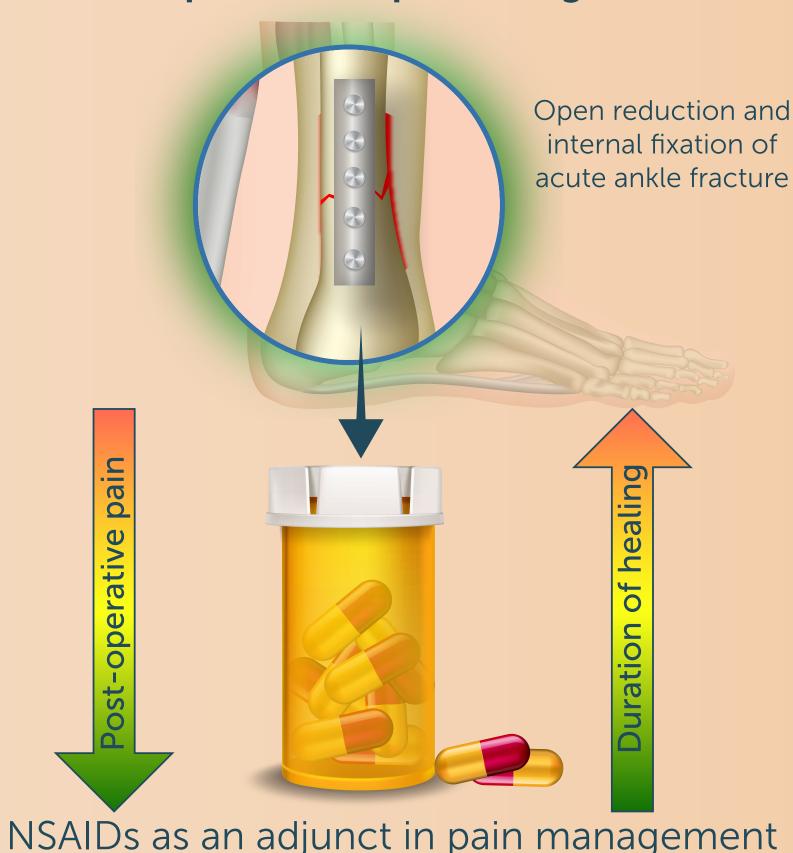
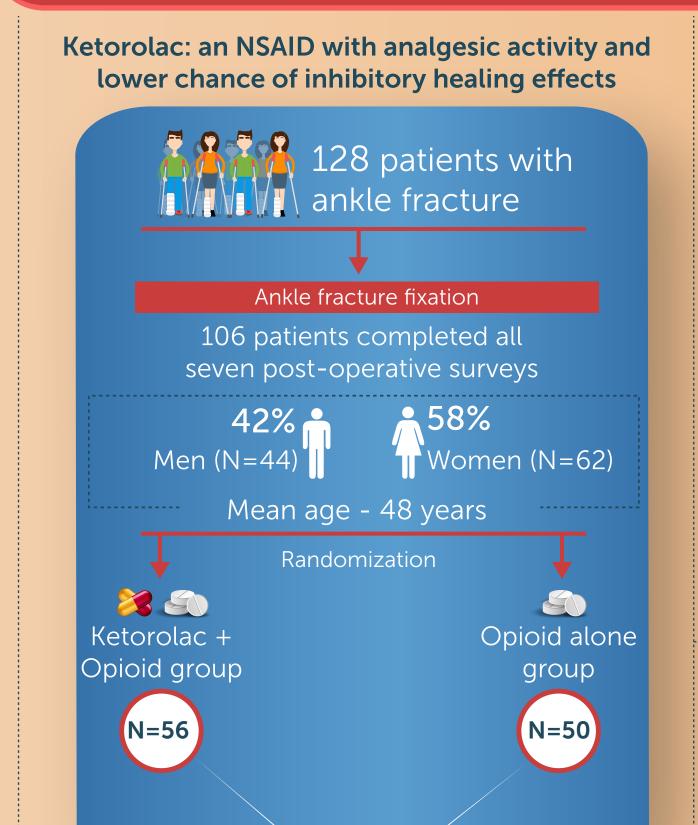
Ketorolac Decreases Post-operative Pain and Opioid Consumption After Ankle Fracture Surgery

Non-steroidal anti-inflammatory drugs (NSAIDs) can be a powerful adjunct in managing post-operative pain and can help control opioid usage



However, a possible delay in bone healing is a major concern

How does Ketorolac—an NSAID—affect post-operative pain, opioid intake, and fracture healing?



Days

Without ketorolac

Opioid consumption was reduced in the patients randomized to ketorolac



With ketorolac

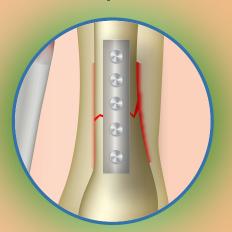
*Tablets of 5/325 oxycodone-acetaminophen

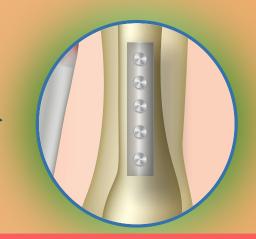


Patients with ketorolac had less pain



All fractures in both groups healed by 12 weeks, but study was underpowered to detect differences in healing and side effects





Adding ketorolac to the analgesic regimen after ankle fracture surgery reduced the use of opioid medication and pain by a modest amount, but larger studies will need to evaluate whether it has adverse effects on bone healing