

Loxoprofen Sodium versus Diclofenac Potassium for Post-Dental Extraction Pain Relief: A Randomized, Triple-Blind, Clinical Trial.

Nourwali I, et al. *Dent J (Basel)*. 2019 Dec 25; 8(1). pii: E2. doi: 10.3390/dj8010002.

- One of the most common post-operative complications of tooth extraction is pain.
- Oral non-steroidal anti-inflammatory drugs (NSAIDs)/analgesics such as diclofenac, loxoprofen etc. are prescribed for the pain relief.
- A single-center, triple-blind, randomized clinical trial was conducted among 100 male and female patients who underwent tooth extraction.
- The patients reported their pain post-operatively after 6 hours and every 12 hours for 3 days using the *Verbal Descriptor Scale* (e.g., "no pain", "mild pain").
- Diclofenac potassium group had better control over post-operative pain than the group receiving loxoprofen (86% vs. 66%).

Thirty six hours after the treatment, diclofenac group patients significantly reported "no pain" and "mild pain" compared to other NSAID group.