

Efficacy and Safety of Aceclofenac in Osteoarthritis: A Meta-Analysis of Randomized Controlled Trials.

Patel PB, Patel TK. Eur J Rheumatol. 2017 Mar; 4(1):11-18.

- Most clinical guidelines recommend NSAIDs as a first-line treatment of mild to moderate pain in osteoarthritis.
- Efficacy and/or safety of aceclofenac compared with control interventions (NSAIDs or paracetamol) in patients with osteoarthritis.
- In this meta-analysis, 9 trials (8 double blind and 1 single blind) that evaluated pain (7 trials), function (8 trials) and safety (7 trials) were included.
- There was no significant difference in pain reduction between aceclofenac and control interventions.
- Aceclofenac was more beneficial than control interventions in improving physical function.
- **Less gastrointestinal (GI) adverse events were observed for aceclofenac than in control interventions.**

Study concludes that aceclofenac was beneficial over control analgesics (diclofenac, piroxicam, naproxen, paracetamol) for physical function improvement and to minimize gastrointestinal adverse events.