Details of included studies

Reference	Design	Dose, route and patients	Outcomes	Analgesic results	Withdrawals and adverse events	Quality score
			Valdecoxib tria	als		
relieving pain associated	Randomised, double blind placebo and active controlled trial in post third molar surgery pain in post their and only surgery pain molars). Medication administered when baseline pain reached moderate or severe intensity.	Placebo n=41 Valdecoxib 40 mg n=80 Rofecoxib 50 mg n=82 Rofecoxib 50 mg n=82 There were no significant differences in baseline patient characteristics between groups. groups. groups. 38% male/62% female Mean weight 73 kg Mean baseline pain intensity 66 mm (VAS).	PI CAT 4 pt scale (standard) PR CAT 5 pt scale (standard) (stobal 4 pt scale (onstandard) (stobal 4 pt scale (onstandard) Time to meaningful relief Time to remedication	No of patients with at least 50% pain relief over 4 to 6 hours: relief over 4 to 6 hours: Valencows 4 mg 4280 Rofecoxib 50 mg 1480 Remedication data not useable. Patients permitted a second valdecoxib at remedicating. Patients in comparator groups moved straight to rescue medication. Unclear from report how many patients received the extra market in valdecoxib group not remedicating contradictory - 36% or 65%?)		R =1 DB =1 WD =1 Total =3
Daniels et al 2002 The analgesic efficacy of valdecoxib vs. oxycodonely acetaminophen after oral surgery. JADA 2002; 133: 611-621	Randomised, double blind placebe and active controlled trials in post third molar surgery pain (extraction of impacted third molars). Medication administed when baseline pain reached moderate or severe intensity.	Study 1 Placebo n=52 Valdecoxib 20 mg n=52 Valdecoxib 40 mg n=50 Valdecoxib 40 mg n=50 Oxycodome 10 mg + mg n=50 There were no significant differences in baseline patient characteristics between groups. 23 years 42% malle/58% female Mean weight 74 kg Mean baseline pain intensity 74 mm (VAS).	PI CAT 4 pt scale (standard) PR CAT 5 pt scale (standard) Global 4 pt scale (nostandard) Global 4 pt scale (nostandard) Time to onset of analgesia Time to prespiblio relief Time to meaningful relief Time to remedication	Study 1 Placobo 5/52 Valdecoxib 20 mg 31/52 Valdecoxib 20 mg 42/50 Valdecoxib 40 mg 42/50 Valdecoxib 40 mg 42/50 Valdecoxib 40 mg 42/50 Valdecoxib 40 mg 5/24 hrs Valdecoxib 40 mg 5/24 hrs Valdecoxib 40 mg 5/24 hrs Number of patients remedicating Placobo 44(65%) Valdecoxib 20 mg 24(46%) Valdecoxib 20 mg 12(24 %) Oxylpar 28(55%)	No patients were excluded or discontinued. Adverse events analysis pooled across both studies. Pcb Valde 20 mg Valde 40 mg Oxy/par Any event 55(55%) 36(36%) 27(27%) 17(70%) Headache 23(22%) 11(11%) 8(8%) 19(19%) Nausea 28(27%) 7(7%) 17(%) 33(35%) Vomiting 12(12%) 4(4%) 4(4%) 23(23%)	R =2 DB =2 WD =1 Total =5
Christensen et al 2002 Valdecoxib, a novel potent COX-2 specific inhibitor, is possoperative dental pain and provides a more rapid onset of action compared with rofecoxib. ACEP Oct 2002 Poster	Randomised, double blind placebo and active controlled trials in post third molar surgery pain (extraction of impacted time). Made and administered modern and administered moderate or severe intensity.	Placebo n=51 Valdecoxib 20 mg n=49 Valdecoxib 40 mg n=50 Valdecoxib 40 mg n=50 Valdecoxib 40 mg n=50 Valdecoxib 40 mg n=50 There were no significant differences in baseline patient characteristics between Mean age 23 years 40% male/60% female Mean weight 72 kg Mean baseline pain intensity Mean baseline pain intensity Valdecoxib 50 mg n=101 There were no significant differences in baseline patient characteristics between groups. There were no significant differences in baseline patient characteristics between groups. Mean baseline patient Mean B	PR CAT 5 pt scale (assumed to be standard as y axis of corresponding graph from 0 to 4) Time to onset of analgesia Time to remedication	Placebo 3551 Valdecoxib 20 mg 38/49 Valdecoxib 20 mg 38/49 Valdecoxib 20 mg 38/49 Valdecoxib 40 mg 37/50 Placebo 11 mg 37/50 Placebo 11 mg 40 mg 10 hr 55 mins Valdecoxib 20 mg 10 hr 55 mins Valdecoxib 40 mg 324 hrs Valdecoxib 40 mg 324 hrs Placebo 46(90%) Valdecoxib 40 mg 22(44%) Valdecoxib 20 mg 28(97%) Valdecoxib 40 mg 22(44%) Placebo 95(50%) Valdecoxib 40 mg 32/99 Mediant time to remedication Placebo 46(90%) Valdecoxib 40 mg 33/99 Mediant time to remedication Placebo 25 mg 28(14 hrs Refecoxib 50 mg 924 hrs Reflecoxib 50 mg 924 hrs Numbar of patients remedicating Placebo 75% Valdecoxib 40 mg 17% Valdecoxib 40 mg 97%	No useful adverse event data provided.	R =2 DB =2 Wb =0 Total =2
			Parecoxib tria	ls		
Daniels et al 2001. A double-blind, randomized comparison of intramuscularly intramuscularly intramuscularly intramuscularly aministered parecoxib sodium versus ketorolae and placebo in a post-oral surgery pain model. Clin Ther 2001; 23(7):1018-1031	Randomised, double blind placebo and active controlled trial nose third modar surgery pain (extraction of impacted third modars). Medication administered when baseline pain reached moderate or severe intensity.	Placebo n=51 Placebo n=51 Parecoxib 20 mg IM n= 50 Parecoxib 20 mg IM n= 51 Parecoxib 40 mg IV n= 51 Parecoxib 40 mg IV n= 51 Parecoxib 40 mg IM n= 50 Ketorolica 60 mg IM n= 51 There were no significant differences in baseline patient characteristics between groups apart from the mean body weight was lower in the 62% female/33% male Mean age 22 years Mean weight 73 kg	PI CAT 4 pt scale (standard) PI VAS PI CAT 5 pt scale (standard) Global 4 pt scale (nonstandard) Time to preorphibe relef Time to remedication	No of patients with at least 50% pain relief over 4 to 6 hours: Placebo 25f Placebo 25f Placebo 25f Parecoxib 20 mg IV 30/50 Placebo 25f Parecoxib 20 mg IV 30/50 Placebo 25f Parecoxib 20 mg IV 30/51 Placebo 130/51 Placebo 140/51 Pl	One patient was withdrawn for protocol noncompliance. Any event 18 (55%) 21 (42%) 14 (27%) 14 (27%) 14 (27%) 16 (27%) 3 (6%) 4 (3%) 5 (27%) 17 (34%) 18 (27	R =2 DB =2 WD =1 Total =5
Rasmussen et al 2002 Intravenous parecoxib sodium for acute pain after Am J Orthop 2002;338-343	Randomised, double blind placebo and active controlled study in post prinopedic knee surgery pain (unlateral knee surgery pain (unlateral knee administeral when pain reached 2 45 mm (VAS) within 6 hours of pca discontinu	Placebo n=39 Parecoxib 20 mg IV n= 43 Parecoxib 20 mg IV n= 42 Parecoxib 40 mg IV n= 42 Parecoxib 10 mg IV n= 42 Parecoxib 10 mg IV n= 42 There were no significant differences in baseline patient differences in baseline patient pa	PI CAT 4 pt scale (standard) PI VAS PI CAT 5 pt scale (standard) Global 4 pt scale (nonstandard) Global 4 pt scale (nonstandard) Time to meaningful relief Time to onset of analgesia Time to remedication	Flacebook 20 mg IV 4.0(5) Parecoxib 40 mg IV 4.0(5) Parecoxib 40 mg IV 27/51 Parecoxib 40 mg IV 25/50 Parecoxib 40 mg IV 25/50 Parecoxib 40 mg IV 21/42 Parecoxib 20 mg IV 14/43 Parecoxib 20 mg IV 14/43 Parecoxib 40 mg IV 21/42 Median time to remedication Placebo 1-38 (IV-24 to 2-40) Parecoxib 40 mg IV 25/10/24 to 2-40) Parecoxib 40 mg IV 25/10/24 to 2-40) Parecoxib 40 mg IV 25/10/24 to 2-40) Parecoxib 40 mg IV 4.4 (3.3 to 5.5) Parecoxib 40 mg IV 4.4 (3.3 to 5.5) Parecoxib 40 mg IV 4.6 (3.3 to 5.5) Parecoxib 40 mg 36/42	One patient withdrew due to adverse events, five patients failed to comply following study drug administration, five patients were withdrawn for protocol volation and one patient received the wrong dose of patiecxxis. Pob Pare 20 Pare 40 Any event 24 (62%) 31 (72%) 25 (60%) Headache 2 (50%) 4 (60%) 10 (24%) Nauses 10 (26%) 4 (60%) 10 (24%) 3 (7%) 9 (21%) 3 (7%)	R =2 DB =1 WD =1 Total =4
Barton et al 2002 Efficacy and safety of patiescosh a new COV-2, specific inhibitor, in post ymecologic surgery patients. Anesthesiol 2002;97(2):306-314	Randomised, double blind placebo and active controlled study in post gynecologic data with a programment of the place of t	Placebo n=42 Parecxxib 20 mg IV n= 39 Parecxxib 20 mg IV n= 38 Parecxxib 20 mg IV n= 38 Parecxxib 20 mg IV n= 38 Morphine 4 mg IV n= 42 There were no significant differences in baseline patient differences in baseline patient of the parecx is the second groups. Too% female Mean age 42 years Mean weight 78 kg Mean wei	PI CAT 4 pt scale (standard) PI VAS T pt scale (standard) PI VAS T pt scale (standard) PR CA4 pt scale (standard) PR CA4 pt scale (standard) Time to onset of analgesia Time to perceptible refel Time to meaningful refel Time to remedication	No of patients with at least 50% pain relief over 4 to 6 hours: Placabo 542 Placabo 545 Placabo 150 (140 to 305)	Three placebo patients withdrew before completing the 1 hour assessment, one patient from the parecould 20 mg group was withdrawn for protocol violation. Two patients from the morphine group were withdrawn due to severe adverse events, 20 patients withdrew as a result of adverse events (45 from each experimental group and from placebo group). Headcards and fever were the most common reasons for withdrawal. The power of the part of the protocol of the proto	
Bikhazi et al 2001 Parecoxib effectively treats post-laparotomy pain. 67th Annual meeting of the american society for reproductive medicine 2001, Offendo, Florida, Poster 481	Randomised, double blind placebo and active controlled single and multiple does study in post gynecologic laparotomy surgery pain (total abdominal hysterectomy or myomecomy). Medication administered when Medication administered when the hours of pca morphine/mependine discontinuation.	Placebo n=44 Parecoxib 20 mg IV n= 38 Parecoxib 20 mg IV n= 42 Retorolac 30 mg IV n= 38 Morphine 4 mg IV n= 41 There were no significant differences in baseline patient characteristics between groups. 100% Iemale Mean age 43 years Mean weight 78 kg Mean baseline pain intensity 62 mm (VAS).	PI VAS (100 mm) PR 5 pl scale (standard) Global 4 pt scale (nonstandard) Time to onset of analgesia Time to remedication	No of patients with at least 50% pain relief over 4 to 6 hours: Placebo 15/4. Placebo 15/4. Parecoxib 20 mg IV 22/38 Parecoxib 20 mg IV 32/42 Median time to remedication Placebo 15/4. 41 to 4.75! Placebo 25/4. 41 to 4.75! Parecoxib 20 mg IV 6.20 (6.00 to 6.12) Parecoxib 20 mg IV 6.20 (6.00 to 7.50) Ketorolac 30 mg IV 6.12 (6.00 to 6.12) Parecoxib 40 mg IV 6.20 (6.00 to 7.50) Ketorolac 30 mg IV 6.11 (6.10 to 8.0) Morphine 4 mg IV 6.20 (6.00 to 7.50) Facebox 30/44 Parecoxib 20 mg II 4/38 Parecoxib 40 mg II 4/38 Parecoxib 20 mg II 4/38 Parecoxib 40 mg II 34/42 Ketoriac 30 mg IV 13/38 Morphine 4 mg IV 23/44	Four patients withdrew before completing the 1 hour assessment, 1 patient did not reach an adequate baseline pain level. The most frequently reported adverse events were nauseavormiting, headcher, abdomrinal pain and flatulence. Highest incidence of adverse events reported to flatulence the proper incidence of adverse event reported or adverse event compared to 45 to 58% in the other treatment groups.	WD =1 Total =3