

Randomized trials testing cyclo-oxygenase 2 selective inhibitors

Ref	First author, year of publication	Surgery	Anesthesia	Comparisons (nb of patients analyzed)	Quality of reporting*	
					R/C/DB/F (total)	
55	[Camu, 2002]	hip arthroplasty	spinal	1. Placebo po (64) 2. Valdecoxib 20 mg /12h po (71) 3. Valdecoxib 40 mg /12h po (68)	1/0/1/1 (3)	
32	[Celik, 2003]	abdominal hysterectomy	GA	1. Rofecoxib 50 mg po (20) 2. Naproxen 550 mg po (20) 3. Placebo po (20)	2/0/1/0 (3)	
64	[Cheng, 2004]	laparoscopic cholecystectomy	GA	1. Celecoxib 200 mg po (30) 3. Placebo po (29)	2/1/1/1 (5)	
63	[Durmus, 2003]	abdominal hysterectomy	GA	1. Celecoxib 200 mg po (20) 2. Rofecoxib 50 mg po (20) 3. Placebo po (20)	1/1/1/1 (4)	
38	[Hegazy, 2003]	cervical disc	GA	1. Parecoxib 40 mg /6h iv (15) 2. Ketorolac 30 mg /6h iv (15) 3. Placebo /6h iv (15)	1/0/0/0 (1)	
65	[Huang, 2001]	prostatectomy	GA	1. Rofecoxib 50 mg po (15) 2. Placebo po (15)	2/0/2/0 (4)	
56	[Hubbard, 2003]	knee arthroplasty	spinal + sedation	1. Placebo /12h iv (63) 2. Parecoxib 20 mg /12h iv (61) 3. Parecoxib 40 mg /12h iv (65)	2/0/1/1 (4)	
57	[Malan, 2003]	hip arthroplasty	GA or spinal	1. Placebo /12h iv (65) 2. Parecoxib 20 mg /12h iv (61) 3. Parecoxib 40mg /12h iv (55)	2/1/1/1 (5)	
58	[Ng, 2003]	hysterectomy	GA	1. Placebo iv (17) 2. Parecoxib 40 mg iv (19)	2/1/2/1 (6)	
59	[Ott, 2003]	coronary artery bypass surgery	GA	1. No treatment (151) 2. Parecoxib/valdecoxib 40 mg /12h iv/po (251)	1/0/1/1 (3)	
60	[Reuben, 2000]	spinal fusion	GA	1. Placebo po (20) 2. Celecoxib 200 mg po (20) 3. Rofecoxib 50 mg po (20)	1/0/1/0 (2)	
61	[Reynolds, 2003]	knee arthroplasty	GA or spinal or epidural	1. Placebo /12h po (70) 2. Valdecoxib 20 mg /12h po (70) 3. Valdecoxib 40 mg /12h po (69)	1/0/1/1 (3)	
66	[Sinatra, 2004]	abdominal	GA	1. Placebo (16) 2. Rofecoxib 25 mg po (16) 3. Rofecoxib 50 mg po (16)	1/0/2/1 (4)	
62	[Tang, 2002]	abdominal hysterectomy or myomectomy	GA	1. Placebo /12h iv (18) 2. Parecoxib 20 mg /12h iv (19) 3. Parecoxib 40 mg /12h iv (18)	2/0/2/1 (5)	

*modified Oxford scale^{210,11}; Ref:reference number in bibliography; GA: general anesthesia; iv: intravenous; po: per os
R: randomization; C: concealment of allocation; DB: double blinding; F: flow of patients