

## Randomized trials testing non-steroidal anti-inflammatory drugs

Ref	First author, year of publication	Surgery	Anesthesia	Comparisons (nb of patients analyzed)	Quality of reporting*
					R/C/DB/F (total)
26	[Alexander, 2002]	knee or hip arthroplasty	GA	1. Diclofenac 75 mg iv (36) 2. Ketorolac 60 mg iv (31) 3. NaCl iv (32)	2/0/2/2 (6)
27	[Aubrun, 2000]	spinal fusion	GA	1. Ketoprofen 100 mg /8h iv (25) 2. Placebo /8h iv (25)	2/0/2/2 (6)
28	[Balestrieri, 1997]	hysterectomy myomectomy	GA	1. Ketorolac 60 mg postop + 30 mg /6h iv (68) 2. Ketorolac 60 mg intraop + 30 mg /6h iv (65) 3. Placebo /6h iv (66)	2/1/1/1 (5)
29	[Blackburn, 1995]	abdominal hysterectomy	GA	1. Ketorolac 100 mg /hr (15 min)+ 4 mg /h (24 h) iv (30) 2. Placebo (24 h) iv (29)	2/0/1/0 (3)
30	[Burns, 1991]	upper abdominal	GA	1. Ketorolac 12.5 mg /h (30 min) + 2,5 mg /h im (19) 2. Ketorolac 10 mg /4h im (23) 3. Placebo im (21)	1/0/1/2 (4)
31	[Cataldo, 1993]	colonic resection	GA	1. Ketorolac 60 mg + 30 mg /6h im (17) 2. No treatment (13)	1/0/0/0 (1)
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)
16	[Cobby, 1999]	abdominal hysterectomy	GA	1. Paracetamol 1.3 g /8h rectal (24) 2. Diclofenac 50 mg /8h rectal (20) 3. Placebo /8h rectal (21)	1/1/2/2 (6)
33	[Colquhoun, 1989]	open cholecystectomy	GA	1. Diclofenac 100 mg rectal (15) 2. Placebo rectal (15)	1/0/1/1 (3)
34	[De Decker, 2001]	spine surgery	GA	1. Placebo (15) 2. Piroxocam 40 mg im (15) 3. Tenoxicam 40 mg iv (15) 4. Tenoxicam 40 mg im (15)	2/0/0/0 (2)
35	[Etches, 1995]	knee or hip arthroplasty	GA	1. Ketorolac 30 mg + 5 mg /h (24h) iv (79) 2. Placebo (24h) iv (78)	1/1/1/1 (4)
18	[Fletcher, 1997]	lombar disc	GA	1. Placebo /6h iv (15) 2. Propacetamol 2 g /6h iv (15) 3. Ketoprofen 50 mg /6h iv (15) 4. Propacetamol 2 g + ketoprofen 50 mg /6h iv (15)	2/0/2/2 (6)

\*modified Oxford Scale<sup>10,11</sup>; Ref: reference number in bibliography; GA: general anesthesia; iv: intravenous; im: intramuscular; po: per os;

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36	[Fogaty Mack, 2001]	microscopic lumbar discectomy	GA	1. Ketorolac 30 mg iv + placebo im (10) 2. Placebo iv + bupivacaine 37.5 mg im (9) 3. Placebo iv + placebo im (10)	2/0/2/2 (6)
14	[Gillies, 1987]	upper abdominal	GA	1. Placebo im (24h) (18) 2. Ketorolac 1.5 mg /h (24h) im (20) 3. Ketorolac 3 mg /h (24h) im (19)	1/0/1/2 (4)
37	[Hanna, 2003]	knee or hip arthroplasty	GA	1. Dexketoprofen 50 mg /12h im (58) 2. Ketoprofen 100 mg /12h im (56) 3. Placebo /12h im (54)	1/0/2/2 (5)
38	[Hegazy, 2003]	cervical disc surgery	GA	1. Parecoxib 40 mg /6h iv (15) 2. Ketorolac 30 mg /6h iv (15) 3. Placebo iv (15)	1/0/0/0 (1)
39	[Hodsman, 1987]	abdominal	GA	1. Diclofenac 75 mg /12h im (31) 2. Placebo /12h im (31)	1/0/1/2 (4)
40	[Hsu, 2003]	cesarean section	Spinal	1. Tenoxicam 20 mg iv (45) 2. NaCl iv (48)	2/0/2/2 (6)
41	[Lowder, 2003]	cesarean section	Epidural	1. Ketorolac 30 mg /6h iv (22) 2. Placebo /6h iv (22)	2/1/2/0 (5)
42	[Munro, 1998]	laparoscopic cholecystectomy	GA	1. Tenoxicam 40 mg iv (18) 2. Placebo iv (19)	1/0/1/2 (4)
43	[Ng, 2002]	abdominal hysterectomy	GA	1. Placebo /12 h rectal (16) 2. Diclofenac 75 mg /12h rectal (18)	1/0/2/2 (5)
44	[Owen, 1986]	gynaecology	GA	1. Ibuprofen 500 mg /8h rectal (29) 2. Placebo /8h rectal (31)	1/0/1/1 (3)
45	[Perttunen, 1992]	thoracotomy	GA	1. Placebo /48h iv (15) 2. Diclofenac 2 mg/kg /h (48h) iv (15)	1/0/2/0 (3)
46	[Plummer, 1996]	gynecology	GA	1. Ibuprofen 1600 mg po (55) 2. Placebo po (49)	1/0/1/1 (3)
47	[Rao, 2000]	abdominal	GA	1. Placebo /12h iv (19) 2. Ketoprofen 100 mg /12h iv (20)	2/0/2/2 (6)

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48	[Ready, 1994]	orthopedic, gynecology general	GA and spinal	1. Ketorolac 30 mg + 5 mg /h iv (46) 2. Ketorolac 30 mg + 15 mg /3h iv (50) 3. Placebo iv (45)	2/1/2/1 (6)	
49	[Reuben, 1998]	spinal fusion	GA	1. Placebo /6h iv (10) 2. Ketorolac 5 mg /6h iv (10) 3. Ketorolac 7.5 mg /6h iv (10) 4. Ketorolac 10 mg /6h iv (10) 5. Ketorolac 12.5 mg /6h iv (10) 6. Ketorolac 15 mg /6h iv (10) 7. Ketorolac 30 mg /6h iv (10)	1/0/1/0 (2)	
50	[Rowe, 1992]	lombar laminectomy	GA	1. Indomethacin 75 mg po (14) 2. Placebo po (15)	1/0/0/2 (3)	
51	[Sevarino, 1992]	gynecology	GA	1. Placebo /6h im (12) 2. Ketorolac 30 mg + 15 mg /6h im (12) 3. Ketorolac 60 mg + 30 mg /6h im (11)	1/0/1/1 (3)	
24	[Siddik, 2001]	cesarean section	spinal	1. Placebo (20) 2. Diclofenac 100 mg /8h rectal (20) 3. Propacetamol 2 g /6h iv (20) 4. Diclofenac 100 mg /8h rectal + propacetamol 2 g /6h iv (19)	2/1/2/2 (7)	
52	[Thompson, 2000]	abdominal hysterectomy	GA	1. Placebo rectal (18) 2. Meloxicam 15 mg rectal (18)	1/0/1/0 (2)	
53	[Vandermeulen, 1997]	abdominal orthopedic	GA	1. Placebo iv (256) 2. Tenoxicam 40 mg iv (258)	2/1/2/1 (6)	
54	[Varrassi, 1994]	cholecystectomy	GA	1. Ketorolac 30 mg im+ 2 mg /h (24h) iv (48) 2. Placebo im + cont infusion (24h) iv (47)	1/0/1/2 (4)	

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