

**Intrathecal Clonidine for Surgery: Included Randomized Trials**

Reference 1 <sup>st</sup> author and year of publication	Surgery	Local Anesthetic HB=hyperbaric ISO=isobaric	Dose of Local Anesthetic (mg)	Comparison (in brackets: number of analyzed patients) Route of administration always IT, except when indicated	Randomization	Concealment	Double-blinding	Withdrawal
Bonnet 1989a	Orthopedic	Tetracaine HB	15	1. NaCl (14) 2. Clonidine 75 µg + NaCl (15) 3. Clonidine 150 µg + NaCl (15)	1	0	0	0
Bonnet 1989b	Orthopedic	Bupivacaine ISO	15	1. NaCl (15) 2. Clonidine 150 µg (15)	1	0	1	0
Braz 2003	Abdominal Orthopedic	Bupivacaine HB	17.5	1. NaCl (20) 2. Clonidine 45 µg (20) 3. Clonidine 75 µg (20)	1	0	1	0
De Negri 1997	Urology	Bupivacaine HB	8	1. NaCl (28) 2. Clonidine 105 µg (28)	1	0	1	0
Dobrydnjov 2002	Orthopedic	Bupivacaine ISO	15	1. NaCl (15) 2. Clonidine 150 µg (15) 3. Clonidine 150 µg po (15)	1	1	1	1
Dobrydnjov 2003	Abdominal	Bupivacaine HB	6	1. NaCl (15) 2. Clonidine 15 µg (15) 3. Clonidine 30 µg (15)	2	1	2	2
Fogarty 1993	Orthopedic	Bupivacaine ISO	13.8	1. NaCl (30) 2. Clonidine 75 µg (50-75 kg), 100 µg (>75 kg) (30) 3. Morphine 1 mg (30)	1	0	1	0
Fukuda 1994	N/A	Tetracaine HB	10	1. NaCl 1 ml (9 hypertensive) 2. NaCl 1 ml (16 normotensive) 3. Clonidine 150 µg 1 ml (9 hypertensive) 4. Clonidine 150 µg 1 ml (16 normotensive) 5. Phenylephrine 0.6 ml 0.5% (9 hypertensive) 6. Phenylephrine 0.6 ml 0.5% (16 normotensive)	2	0	0	0
Jeon 2005	Orthopedic	Bupivacaine HB	12-15	1. NaCl (50) 2. Clonidine 150 µg (50) 3. Clonidine 1 µg/kg iv (50)	2	0	1	1
Juliao 2000	Gynecological	Bupivacaine ISO	15	1. NaCl (17) 2. Sufentanil 10 µg (18) 3. Clonidine 30 µg (17) 4. Clonidine 15 µg + Sufentanil 5 µg (20)	2	0	1	1
Kanazi 2006	Urologic	Bupivacaine HB	12	1. No treatment (19) 2. Clonidine 30 µg (16) 3. Dexmedetomidine 3 µg (16)	2	0	1	1
Kirdemir 2002	Orthopedic	Bupivacaine HB	10	1. No treatment (20) 2. Clonidine 50 µg (20) 3. Clonidine 75 µg (20)	2	0	0	1
Larsen 1998	Urologic	Mepivacaine HB	80	1. NaCl (15) 2. Clonidine 75 µg (15) 3. Clonidine 150 µg (15)	1	0	1	1
Niemi 1994	Orthopedic	Bupivacaine ISO	15	1. NaCl (20) 2. Clonidine 3 µg/kg (20)	1	0	1	0
Pan 1998	Cesarean section	Bupivacaine ISO	10	1. No treatment (20) 2. Neostigmine 50 µg (19) 3. Clonidine 150 µg (20) 4. Clonidine 150 µg + Neostigmine 50 µg (21)	2	0	0	0
Racle 1987	Orthopedic	Bupivacaine ISO	15	1. NaCl (20) 2. Epinephrine 200 µg (20) 3. Clonidine 150 µg (19)	2	0	0	1
Racle 1988	Orthopedic	Bupivacaine HB	15	1. NaCl (20) 2. Clonidine 150 µg (20) 3. Adrenaline 200 µg (20) 4. Adrenaline 400 µg (20)	1	0	0	0
Santiveri 2002	Urologic	Prilocaine ISO	75	1. NaCl (18) 2. Clonidine 75 µg (19)	1	1	2	1
Seah 1991	Urologic	Bupivacaine HB	15	1. NaCl (20) 2. Clonidine 150 µg (20)	1	0	0	0
Strebel 2004	Orthopedic	Bupivacaine ISO	18	1. NaCl (20) 2. Clonidine 37.5 µg (20) 3. Clonidine 75 µg (20) 4. Clonidine 150 µg (20)	2	1	2	2
Van Tuijl 2006	Cesarean section	Bupivacaine HB	11	1. NaCl (53) 2. Clonidine 75 µg (53)	2	0	2	2
Wu 1989	Abdominal Orthopedic	Tetracaine HB	10	1. No treatment (15) 2. Clonidine 15 µg (15) 3. Clonidine 30 µg (15) 4. Clonidine 45 µg (15)	1	0	0	0

Randomization: 1-mentioned 2-described and adequate; Concealment of treatment allocation: 0-none 1-yes; Double-Blinding: 0-none 1-mentioned 2-described and adequate; Withdrawal: flow of patients 0-none 1-described but inadequate 2-described and adequate.