Does Continuous Peripheral Nerve Block Provide Superior Pain Control to Opioids? A Meta-Analysis

Je ... e M. R ..., MD*, Se, e S. L , MD , Ge e e C ..., BA*, R . e . W ..., MD*, A • C J. R , BA*, J , M G C • , MS-, S R. C C , BS , . • C, . C, . MD* * D^{e} e A^{e} e C C^{e} M^{e} e S P H^{e} T^{e} J H^{e} U^{e} i j B e M j D^{e} e A^{e} e j V M M^{e} M^{e} C^{e} e U e W e j S^{e} e j

 W_{e_1} , \vdots_{i_1} , P_{e_1} , e_2 , C_{e_1} , O_{e_2} , M^{e_1} , e_i , P_{e_1} , e_2 , R^{e_1} , e_2 , R^{e_1} , e_2 , R^{e_1} , e_2 , R^{e_1} , R^{e_2} , R^{e_1} , R^{e_2} , R^{e_1} , R^{e_2} , R^{e_1} , R^{e_2} , R^{e_3} , R^{e_4} ,







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J C 1006	т ее	μ • · · Π¢ 2 1	11 C			• • **		5
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1 996	Π ^C • • . ^C · • .∞e	Р¢	10 C 10 O	0.5%. •	M • • • ¢ IV PCA D • • • ¢ • ¢ PO >48 • (O) (C)	Ν	Ν	SS C C C VAS c c c 24 48 72 CPNB
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1992 · · ·	Т. се	R^e 3-, −1	19 C 18 O	0.125% . • • • •	P • • • • • IM (O) (C)	Ν	Ν	SS e e e VAS
1998	T	н ^е 31	15 C 15 O	0.125%,	M • , .	Ν	Ν	CPNB SS c c c VAS (24) (24) c c c c c c c c c c c (6) CPNB N SS c c c c
1999	H•	P	20 C 20 O	0.25%, •	M ^e •€ • .€ IM	Ν	N	SS. e e e VAS . (24, 32, 6 .)
••• ¢ . 1999	M se	R ^e	20 C 19 O	1% L e 2 µ /	M •, e IV PCA (O) M •, e SC (C)	Ν	Ν	CPNB SS $(24, 48,),$ $(24, 48,),$ $(5, 6)$ $CPNB$
1996	R ^e e	R^e 3-, −1	10 C	0.25%. • • • • •	$M \bullet \mathcal{C}$ IV/IM	Ν	Ν	N SS CE C VA
e e . 2002	A.	S, . , • • . ^e	15 C 15 O	0.2% • , .≮∥	O • . & PO (O) (C)	Υ	Υ	SS ¢ ¢ ¢ VAS (24, 48), ¢ ¢ ¢ ¢ , ¢ , ¢ ¢ ¢ ¢ , (24
v .ee . 2003	A . e ee	S, . , • . • 	10 C 10 O	0.25%. • ^e	M • • • • IV PCA IV PRN • • • • • • PO (O) (C)	Y	Υ	SS C CPNB F C

 Table 4. I
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		Me VASS e		М	VAS S
L	24 ,	48,	72 ,	24	48 ,
Ţ	P < .001	P < .001		P < .001	P < .001
C ee	1.0 (0.3 1.7)	0.6 (0.0 1.3)		2.5 (1.7 3.3)	1.5 (0.7 2.3)
0	4.3 (3.1 5.5)	4.0 (2.9 5.1)		6.1 (4.8 7.4)	5.1 (3.9 6.3)
N . e . e . e .	1	1		1	1
Lee e e	P < .001	P < .001		P < .001	P = 0.05
Cee	1.4 (1.1 1.7)	0.5 (0.3 0.7)		3.8 (1.9 5.7)	3.9 (2.0 5.8)
0	3.6 (2.0 4.2)	2.3 (1.9 2.7)		8.0 (6.7 9.3)	6.5 (4.5 8.5)
N . e . e . e	6	6		1	1
F ^e /L.					
PC .	P < .001				
C	2.1 (1.5 2.7)	1.6 (1.2 2.0)	1.5 (1.3 1.7)	3.8 (3.2 4.4)	2.7 (2.3 3.1)
0	4.0 (3.7 4.3)	3.2 (2.9 3.5)	2.7 (2.1 3.3)	5.4 (4.8 6.0)	4.6 (4.1 5.1)
N . C . c . C .	8	8		3	3
S_	P < .001	P < .001	P < .001	P < .001	P < .01
C e e	0.9 (0.6 1.2)	0.9 (0.6 1.2)	1.6 (1.4 1.8)	1.9 (0.2 3.6)	2.6 (0.9 4.3)
0	4.6 (4.0 5.2)	3.5 (2.9 4.1)	3.2 (2.8 3.6)	7.2 (6.4 8.0)	5.6 (4.4 6.8)
N e e	2	2	1	1	1

Table 5. V. e. A. S. e. P. S. e. C. e. L.

Table 6. Se & Ease

			Р	0	
St C C AC	C.,ee	0	e	•	NNT
N e /	38/182 (20.9%)	95/195 (48.7%)	< 0.001	0.28	4
S ^e	12/45 (26.7%)	23/44 (52.3%)	< 0.012	0.33	4
Ρ.,	11/113 (9.7%)	29/109 (26.6%)	< 0.001	0.30	6
Se /	22/70 (31.4%)	9/60 (15.0%)	< 0.023	0.39	

e C. C.C. ۰**с** e, e, **پر** . N e. . . e . 182 e.,e ~~ ee, ee, e e. e - 6 ее.



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Appendix: Articles Meeting Inclusion Criteria

 1. B
 C
 A, R^c
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6. I & BM, M & TE, W . RD, E . FK. C . .