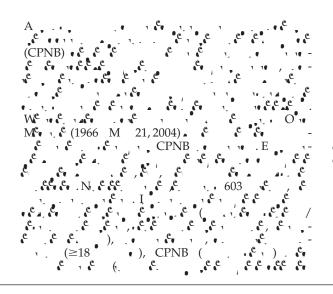
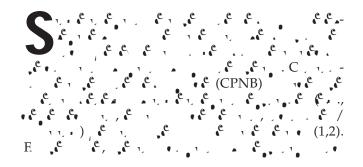
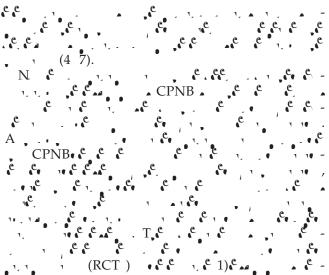
Does Continuous Peripheral Nerve Block Provide Superior Pain Control to Opioids? A Meta-Analysis

J^C M. R. , MD*, S C. C. S. L. , MD , G^C C C , BA*, R C W , , MD*, A C J. R , , BA*, J , M G C , MS-, S^C R. C C , BS , . C C , C L. W. , MD*

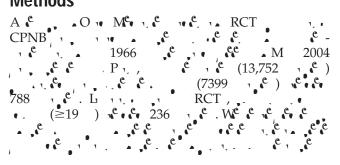


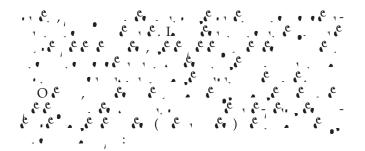
e e , ^e e), , , < 0.001). T 1 24 (0.001), 48 (P < 0.001), (P < 0.001)e e e e (P < 0.05). N . < 0.001). A (P < 0.001). CPNB 1. , e.e.e e, (A C . A . 2006;102:248 57)



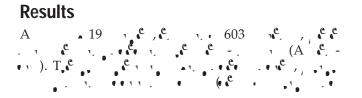


Methods





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S. •	T ¢ S.¢	C ee	N	I . 1. 1. ,ee	0 1 18 - E8	B e e, e ?	W e e	S
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.e.e 2000 .	M e	Ĭ¢°č¢	18 C 15 O	0.2% , , , ¢ *	N IV PCA (O) N	Y	Ν	CPNB SS, c c c c c c c vAS 12 24 CPNB N SS
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e . 1999	A ,	I 6 , 6 6	10 C 10 O	0.25%. · · · · · · · · · ·	M PCA (O) M J. C IV (C)	Ν	N	CPNB (24 48 SS 6 6 6 6 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7
c c . 2002	Q , e , e , e , e , e , e , e , e , e , e	Ι	15 C 15 O	0.2% • • • • • • • • • •	O • ¢ PO (O) (C)	Υ	Υ	SS e e e SS e e e VAS (24 48.) CPNB
	;O = 1 10.	$PCA = e^{e}$	1, ▲	••••••••••••••••••••••••••••••••••••••	T, 1	; VAS = , . IM/IV	 	¢ , ¢; CPNB = ,
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₩. <mark>€</mark> .1996	Т., 8 ^е ,	ft^e ∂	3-11	11 C 11 O 11 O*	0.125% 1 1. ^e	M , . & IV PCA (O) (C)	Y	Y	SS CPNB. N SS CPNB. N SS CPNB. N SS
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९ ९ ९ . 1991	T Se e e e	R ^e 3	3 _{7.} -1	20 C- 13 C 16 O	0.5%. · · · · ·	M , e IV PCA. M , e IM PRN (O) (C)	Ν	Ν	SS e e e e e n SS e e e vAS
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	S 1 	Ε¢		10 C 10 O	0.2% • • • • E	М ,,,,, € IV РСА (O) (C)	Ν	Ν	SS C C C C SS C C C C VAS C (24 . 48) CPNB. N SS CPNB. N SS
1992 ·	T e e e e	₽ ^e 3	3 _{7.} -1	19 C 18 O	0.125% 1	P C. IM (O) (C)	Ν	Ν	SS C C C VAS
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1999 e .	н.,.е	Р Зл1	e.	20 C 20 O	0.25%	M ^e , ^e 10 1, i ^e IM	Ν	Ν	e SS. e e e VAS (24, 32, 6) CPNB
1999	М се	R ^e		20 C 19 O	1% Le τ. ^e 2 μ / . τι τ. ^e 0.03	M ,, ¢ IV PCA (O) M ,, ¢ SC (C)	Ν	N	CPNB SS. ¢ ¢ ¢ VAS , (24 . 48 .), , ¢ . ¢ ¢ , ¢ . (5 . , ¢ . (5 .
1996 .	^{Fe} e			13 O	0.25% 1 1. e	(O) (C)	Ν	Ν	N SS LAC C VAS
e. 2002	A	S ₁	, e	15 C 15 O	0.2% , ,,≮∥	O , PO (O)(C)	Y	Y	(24, 48), • ¢ ¢ ¢
2003 .	A	S. 1	, e	10 C 10 O	0.25%,,.e	M , ¢ IV PCA IV PRN , PO (O) (C)	Y	Υ), CPNB SS C C C VAS (24, 48, 72), CPNE F C

Table 4. I e^{e} e^{e} </t

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		M ^e , VAS S e			M VAS S		
L , .	24	48 .	72	24	48 ,		
[. 1.	P < .001	P < .001		P < .001	P < .001		
	1.0 (0.3 1.7)	0.6 (0.0 1.3)		2.5 (1.7 3.3)	1.5 (0.7 2.3		
	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	1	1		1	1		
e e e	P < .001	P < .001		P < .001	P = 0.05		
	1.4 (1.1 1.7)	0.5 (0.3 0.7)		3.8 (1.9 5.7)	3.9 (2.0 5.8		
	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	6	6		1	1		
₹ /L.							
p.e.	P < .001	P < .001	P < .001	P < .001	P < .001		
, e.e	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		
	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		
V.e.	8	8	· · · · ·	3	3		
51 1	P < .001	P < .001	P < .001	P < .001	P < .01		
5 1 1 - € € - € €	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		
	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		
V.e.	2	2	`1	`1 ´	`1		

Table 5. Vi. A. S. & Pr. S. & C. & L. .

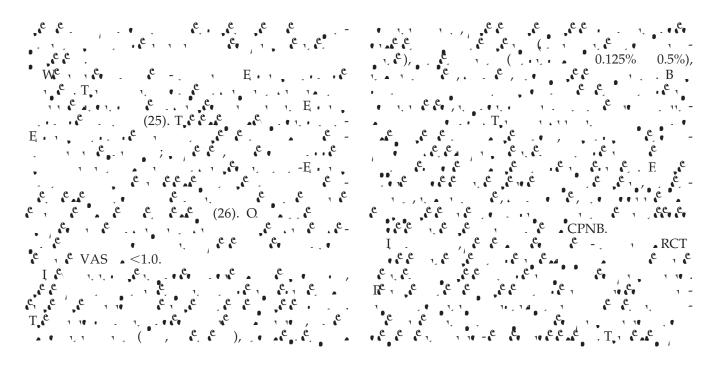
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Table 6. Se C E

			Р	0.	
S. e.e.e	C ,ee	O 1 10	e	۲	NNT
N. ¢ / 11.	38/182 (20.9%)	95/195 (48.7%)	< 0.001	0.28	4
See 1	12/45 (26.7%)	23/44 (52.3%)	< 0.012	0.33	4
Р. т.	11/113 (9.7%)	29/109 (26.6%)	< 0.001	0.30	6
<u>s</u> e, / .	22/70 (31.4%)	9/60 (15.0%)	< 0.023	0.39	

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Appendix: Articles Meeting Inclusion Criteria

8. I . BM, M . TE, E . FK. C . . . 9. I & BM, M & TE, W . RD, E . & . FK. 2002;97:959 65. 10. I C BM, M C TE, W TW, C C C 2003;96:1089 95.

A.C. A. 1999;89:1197 202. A C , C , 1996;13:410 2. A $e^{-e^{-1}}$ 1996;13:410 2. 13. I^{e}_{1} S, K e^{-1} LO, J G, e^{-1} C e^{-1} e e^{-1} S 1999;43:258 64. 14. B e^{-1} S 1999;43:258 64. 14. B e^{-1} A T^{e}_{1} e E, B N, G^{e}_{1} e C. P e^{-1} e^{-1} e e^{-1 e 1998;81:603 5. 16. H GC, L SA, D WN, e Fe e e S. e e e Re A e 1996;21:292 7. 17. S^e e MG, M FA, T , MF. C 1 -1991;46:275 7.

JT, C

19. Ke_1 , SM, G, SA, Ge_{e_1} , RA, e_{e_1} . I, e_{e_1} .

A C A 2000;91:1473 8.

References

91:8 15. 3. Deee

311 20. 5. G , SA, Ne e, KC, Gee, KC, A e ,434.3(KC,6T.5(B4C.1:265 741 6. I & BM, M & TE, W . RD, E . C . FK. C . . .