

reference	participants' characteristics	intervention group/ control group	outcomes	critical appraisal/ conclusion																																																																																																									
<p><a href="#">Comez et al. 2015</a> The effect of pre-emptive IV dexketoprofen + thoracal epidural analgesia on the chronic post-thoracotomy pain. Int J Clin Exp Med. 2015; 8(5):8101–8107.</p>	<p><b>inclusion criteria</b> - age 18–75 yrs - planned thoracotomy in the Thoracic Surgery Clinic under elective conditions between Apr 2010 and Aug 2011 -no concomitant disease with functional limitation - ASA physical status I–II</p> <p><b>exclusion criteria</b> - patients in the PE group with an increase in the arterial tension and pulse over 20% and evaluated as having insufficient epidural analgesia</p> <p><b>demographic data:</b> <u>group PED</u> <u>group PE</u> <u>group C</u> age (yr) 44.35±19.71 51.05±19.32 45.95±18.25 weight (kg) 68.5±11.6 72.2±15.8 63.9±7.9 sex (m/f) 11/9 15/5 10/10 - no significant differences in age, weight, height, ASA status</p> <p><b>patient flow and follow up:</b> <u>total patient number included:</u> 60 <u>randomised in:</u> group PED: 20 group PE: 20 group C: 20 <u>excluded:</u> 0 <u>analysed:</u> 60 <u>follow-up:</u> postop, 1 h, 4 h, 24 h, 48 h, discharge, Months 1, 3, 6</p>	<p><b>intervention prior to anaesthesia</b> - group C: no pre-emptive analgesia - group PE: 10–15 mL 0.125% levobupivacaine - group PED: 10–15 mL 0.125% levobupivacaine + 50 mg dexketoprofen trometamol + 100 mL 0.9% NaCl IV infusion</p> <p><b>intraoperative analgesia</b> - group C: 50-100 µg/h fentanyl citrate, O<sub>2</sub>/N<sub>2</sub>O 40-60% - group PE: 10 mL 0.125%, levobupivacaine injection - group PED: 10 mL 0.125% levobupivacaine injection</p> <p><b>mode of anaesthesia</b> - induction: 2 mg/kg propofol - maintenance: 6–8% desflurane</p> <p><b>postoperative analgesia</b> - all groups: 3 mg morphine + 50 µg fentanyl + 15 mL 0.9% NaCl, epidural - group PED: 50 mg dexketoprofen trometamol IV infusion + 100 mL 0.9% NaCl</p>	<p><b>postoperative pain [VAS]: mean±SD</b></p> <table border="1"> <thead> <tr> <th></th> <th>C</th> <th>PE</th> <th>PED</th> <th></th> </tr> </thead> <tbody> <tr> <td>Postop</td> <td>0.45±0.826</td> <td>1.10±0.968</td> <td>0.80±0.894</td> <td>NS</td> </tr> <tr> <td>Hr 1</td> <td>1.40±0.883</td> <td>1.25±0.910</td> <td>1.40±1.314</td> <td>NS</td> </tr> <tr> <td>Hr 4</td> <td>1.20±1.105</td> <td>1.10±1.021</td> <td>1.00±1.298</td> <td>NS</td> </tr> <tr> <td>Hr 24</td> <td>1.15±0.875</td> <td>1.40±0.940</td> <td>0.40±0.681</td> <td>S</td> </tr> <tr> <td>Hr 48</td> <td>1.00±0.858</td> <td>1.30±1.031</td> <td>0.40±0.754</td> <td>S</td> </tr> <tr> <td>Discharge</td> <td>1.60±0.883</td> <td>1.90±0.308</td> <td>0.20±0.616</td> <td>S</td> </tr> <tr> <td>Month 1</td> <td>1.90±0.852</td> <td>1.90±0.968</td> <td>1.70±1.490</td> <td>NS</td> </tr> <tr> <td>Month 3</td> <td>2.00±1.026</td> <td>1.40±1.142</td> <td>1.20±1.322</td> <td>NS</td> </tr> <tr> <td>Month 6</td> <td>1.85±1.496</td> <td>1.15±1.348</td> <td>0.60±1.142</td> <td>S</td> </tr> </tbody> </table> <p>VAS &gt;3 (CPTP %):</p> <table border="1"> <thead> <tr> <th></th> <th>C</th> <th>PE</th> <th>PED</th> <th></th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>25%</td> <td>15%</td> <td>20%</td> <td>NS</td> </tr> <tr> <td>M3</td> <td>20%</td> <td>20%</td> <td>20%</td> <td>NS</td> </tr> <tr> <td>M6</td> <td>30%</td> <td>20%</td> <td>10%</td> <td>S</td> </tr> </tbody> </table> <p>Patient score satisfaction, (N) % 1 = very dissatisfied; 2 = somewhat satisfied 3 = rather satisfied; 4 = completely satisfied</p> <table border="1"> <thead> <tr> <th></th> <th>C</th> <th>PE</th> <th>PED</th> <th></th> </tr> </thead> <tbody> <tr> <td>at discharge</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>(15) 75%</td> <td>(17) 85%</td> <td>(0) 0%</td> <td></td> </tr> <tr> <td>4</td> <td>(5) 25%</td> <td>(3) 15%</td> <td>(20) 100%</td> <td>S</td> </tr> <tr> <td>at Month 6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>(11) 55%</td> <td>(9) 45%</td> <td>(2) 10%</td> <td></td> </tr> <tr> <td>4</td> <td>(9) 45%</td> <td>(11) 55%</td> <td>(18) 90%</td> <td>S</td> </tr> </tbody> </table>		C	PE	PED		Postop	0.45±0.826	1.10±0.968	0.80±0.894	NS	Hr 1	1.40±0.883	1.25±0.910	1.40±1.314	NS	Hr 4	1.20±1.105	1.10±1.021	1.00±1.298	NS	Hr 24	1.15±0.875	1.40±0.940	0.40±0.681	S	Hr 48	1.00±0.858	1.30±1.031	0.40±0.754	S	Discharge	1.60±0.883	1.90±0.308	0.20±0.616	S	Month 1	1.90±0.852	1.90±0.968	1.70±1.490	NS	Month 3	2.00±1.026	1.40±1.142	1.20±1.322	NS	Month 6	1.85±1.496	1.15±1.348	0.60±1.142	S		C	PE	PED		M1	25%	15%	20%	NS	M3	20%	20%	20%	NS	M6	30%	20%	10%	S		C	PE	PED		at discharge					3	(15) 75%	(17) 85%	(0) 0%		4	(5) 25%	(3) 15%	(20) 100%	S	at Month 6					3	(11) 55%	(9) 45%	(2) 10%		4	(9) 45%	(11) 55%	(18) 90%	S	<p><b>methodological shortcomings</b> - allocation concealment not reported - method of assigning random allocation and person doing it not reported - adverse events not reported</p> <p><b>level of evidence: 1</b> <b>authors' conclusion</b> "Combined application of pre-emptive IV dexketoprofen and thoracic epidural analgesia reduce the chronic post-thoracotomy pain."</p>
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