

Association Between Smoking and Opioid Requirement and Pain Intensity in the Early Postoperative Period: A Meta-Analysis

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Running Title

Smoking and Postoperative Opioids

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Supplementary Table 1

Paper	Time	Smokers' Mean	Smokers' Std.-Dev.	Smokers	Non-Smokers' Mean	Non-Smokers' Std.-Dev.	Non-Smokers	Weight	Smoking-Factor	weighted smoking factor
Aydogan 2013 (24h)	24	39,61	3,27	28	29,79	3,45	31	28	1,33	37,23
Chiang 2015 (24h)	24	32,20	19,80	129	25,70	15,00	156	129	1,25	161,63
Kim, Park 2017 (24h)	24	18,35	5,56	63	15,48	5,00	119	63	1,18	74,65
Kim, Sim 2021 (24h)	24	19,31	6,03	42	15,42	4,43	34	34	1,25	42,59
Marco 2005 (24h)	24	136,00	24,10	3	49,50	12,60	4	3	2,75	8,24
Zhao, Chen 2019 (24h)	24	73,00	6,10	36	51,44	5,17	33	33	1,42	46,83
Zanaty 2019 (24h)	24	14,27	1,50	40	6,76	0,76	40	40	2,11	84,49
Steinmiller 2012 (24h)	24	43,70	7,00	13	32,40	3,60	13	13	1,35	17,53
Chiang 2016 (48h)	48	64,70	38,50	129	45,30	25,90	156	129	1,43	184,25
Creekmore 2004 (48h)	48	86,60	40,40	20	71,10	33,80	69	20	1,22	24,36
Kim, Park 2017 (48h)	48	30,20	6,79	63	25,41	7,16	119	63	1,19	74,89
Kim, Sim 2021 (48h)	48	31,50	6,83	42	25,14	5,29	34	34	1,25	42,60
Weingarten, Erie 2011 (48h)	48	133,53	94,57	69	97,57	72,26	138	69	1,37	94,43
Zhao, Chen 2019 (48h)	48	129,23	6,62	36	93,64	6,95	33	33	1,38	45,54
Weingarten, Sprung 2011 (48h)	48	85,25	67,93	67	67,87	55,41	189	67	1,26	84,16
Weights (> 24, <= 48h)								415	550,24	132,59%
Total								758	1023,43	135,02%

Supplementary Table 1. Differences in morphine requirements between patients who do and do not smoke, at various timepoints.