

Supplemental table 4: Efficacy of gabapentinoids for selected indications in adults from published studies

<i>Indications</i>	<i>Drug</i>	<i>No of trials</i>	<i>Outcome</i>	<i>Effect Size</i>	<i>References</i>
<i>Adenotonsillectomy</i>	GBP vs placebo	10	2hrs post-op pain score	-0.54[-0.83, -0.26] ^a	Hwang et al ¹
		8	4hrs post-op pain score	-0.78 [-1.21, -0.35] ^a	Hwang et al ¹
		5	8hrs post-op pain score	-2.21 [-3.83, -0.60] ^a	Hwang et al ¹
<i>Lumber spinal surgery</i>	GBP vs placebo	4	6 to 12 hrs post-op pain score	-1.30 [-2.00, -0.61] ^a	Yu et al ²
		4	12 to 24 hrs post-op pain score	-1.05 [-1.64, -0.46] ^a	Yu et al ²
		10	Post-op opioid consumption	-1.54 [-2.43, -0.64] ^a	Yu et al ²
<i>Neuropathic pain</i>	GBP vs Placebo		≥50% pain reduction		
<i>Post herpetic neuralgia</i>		7		1.69 [1.43, 2.00] ^b	Wiffen et al ³
<i>Diabetic neuropathy</i>		6		1.56 [1.53, 2.27] ^b	Wiffen et al ³
<i>Mixed neuropathic pain</i>		14		7.20 [5.90, 9.10] ^c	Finnerup et al ⁴
<i>Fibromyalgia</i>	PGB vs Placebo	4	≥50% pain reduction with 300mg	1.51[1.20, 1.90] ^b	Derry et al ⁵
		5	≥50% pain reduction with 450mg	1.75[1.44, 2.13] ^b	Derry et al ⁵
		3	≥50% pain reduction with 600mg	1.64 [1.28, 2.10] ^b	Derry et al ⁵

a: Standard mean difference; b: Risk ratio, c: Number needed to treat

References

1. Hwang SH, Park IJ, Cho YJ, Jeong YM, Kang JM. The efficacy of gabapentin/pregabalin in improving pain after tonsillectomy: A meta-analysis. *The Laryngoscope*. 2016;126(2):357-366.
2. Yu L, Ran B, Li M, Shi Z. Gabapentin and pregabalin in the management of postoperative pain after lumbar spinal surgery: a systematic review and meta-analysis. *Spine (Phila Pa 1976)*. 2013;38(22):1947-1952.
3. Wiffen PJ, Derry S, Bell RF, et al. Gabapentin for chronic neuropathic pain in adults. *The Cochrane Library*. 2017.
4. Finnerup NB, Attal N, Haroutounian S, et al. Pharmacotherapy for neuropathic pain in adults: a systematic review and meta-analysis. *The Lancet Neurology*. 2015;14(2):162-173.
5. Derry S, Cording M, Wiffen PJ, Law S, Phillips T, Moore RA. Pregabalin for pain in fibromyalgia in adults. *The Cochrane Library*. 2016.