

## عنوان مقاله:

Does Gabapentin Decrease Post-Mastectomy Acute and Chronic Pain? A Systematic Review of Clinical Trials

## محل انتشار:

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## خلاصه مقاله:

Introduction: Mastectomy is associated with moderate to severe pain. Researchers are recently exploring new modalities and drugs to avoid numerous side effects associated with prescribed narcotics. For treatment, gabapentin is a widely used medication, but there is no comprehensive report on the post-mastectomy effects of this medication. Thus, this study aims to evaluate the effects of gabapentin on managing acute pain after surgery. Methods: This was a systematic review (PRISMA checklist) study in which clinical trial articles published between ۲۰۰۰-۲۰۲۰ using the Cochrane checklist in PubMed, OVID, Medline, Scopus, Web Of Science with breast keywords cancer, gabapentin, postoperative pain, mastectomy, breast surgery, postoperative analgesia, ERAS, multimodal therapy were sought to evaluate the effect of gabapentin on post-mastectomy pain. Results: In the initial search, ۲۸۸ articles were found. Twenty-one articles were ultimately selected by repeated trading off, including reviewing texts and abstracts, outcomes, results, and the general conclusion, and included in this meta-analysis; The results of most studies have shown that gabaanthin can lead to Acute and Chronic Pain Decrease Post-Mastectomy. Gabapentin also reduced the need for drugs to control pain. Conclusion: Dispensing gabapentin as a single treatment or in combination with other .therapies meaningfully alleviates pain and diminishes drug use after breast surgery

## کلمات کلیدی:

Breast cancer, Mastectomy, Pain, Gabapentin

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