

## عنوان مقاله:

Evaluation of Medicinal and Medical Effects on Quality of Life in Patients with Hyperthyroidism Due to Graves' Disease

## محل انتشار:

مجله علوم دارویی و شیمی، دوره 4، شماره 5 (سال: 1400)

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## خلاصه مقاله:

Different observational studies and randomized trials attempted to show advantages as well as limitations of surgical approaches for improvement in patients' quality of life (QOL) suffering hyperthyroidism caused by the Graves' disease (GD). We aimed to systematically examine the impact of surgery (thyroidectomy) on different components of QOL in patients with GD. Two reviewers began to deeply search the various databases of article published including Medline, Web of knowledge, Google Scholar, Scopus, and Cochrane Central Register of Controlled Trials (CENTRAL) in the Cochrane Library for all eligible studies in accordance with the considered keywords. In final, seven articles were eligible for the final analysis that published between ۲۰۱۲ and ۲۰۱۹. The Comprehensive Meta-Analysis Software was employed for analysis. Assessing the level of quality of life using SF-۳۶ tool showed significantly increase in both physical component score (weighted mean differences of ۰.۴۲۸,  $p < ۰.۰۰۱$ ) and psychological component score (weighted mean differences of ۰.۲۷۷,  $p < ۰.۰۰۱$ ) postoperatively compared with the baseline values. The assessment of QOL using the Thy PRO questionnaire also showed significantly improvement in total QOL score after surgery compared with before that (weighted mean differences of -۱.۴۶۶,  $p < ۰.۰۰۱$ ). We revealed considerably improving both physical and mental aspects of QOL following surgery in Graves' disease.

## کلمات کلیدی:

Quality of Life, hyperthyroidism, thyroidectomy, Meta-analysis

## لینک ثابت مقاله در پایگاه سیویلیکا:

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