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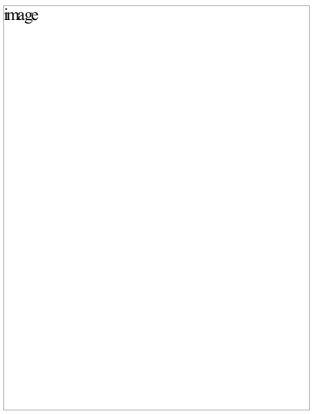

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Systematic Assessment of Decision Analytic Models for the Cost Effectiveness of Bariatric Surgery for Morbid Obesity

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Abstract

Bariatric surgery among patients with morbid obesity is very effective for providing long-term weight loss and remission of obesity related comorbidities. However, it is very expensive and its cost-effectiveness is commonly argued. Long term cost-effectiveness evaluations of bariatric surgery have often relied on decision models. A systematic review was performed on the methodological approaches and their quality, evaluated the quality of reporting, and summarized findings and conclusions in published cost-effectiveness models of bariatric surgery for morbid obesity. A search from different databases with an end date of October 15, 2017 was completed. The initial search for title and abstract screening resulted in 741 articles. A total of 50 articles were included for