Does the Attention Deficit Hyperactivity Disorder interfere with bariatric surgery results?

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Abstract

OBJECTIVE::
to analyze possible negative effects of Attention Deficit Hyperactivity Disorder (ADHD) on the success of bariatric surgery.

METHODS::
we evaluated forty patients undergoing bariatric surgery and with regular post-operative follow-up of at least one year. To all, we applied the questionnaire advocated in the fourth edition of the Diagnostic and Statistical Manual (DSM-IV) of the American Psychiatric Association for ADHD, as well as analyzed their postoperative data.

RESULTS::
fifteen (38%) patients presented a positive questionnaire for ADHD. Patients with ADHD presented higher BMI than patients without the disorder (45.8 vs. 40.9 kg/m2, p=0.017), and the difference remained in all postoperative stages. There was no statistically significant difference in surgery success (33.3% x 66.7%, p=0.505) or in BMI reduction (30.71% x 31.88%, p=0.671) one year after the procedure.

CONCLUSION::
ADHD patients have a higher BMI. However, the presence of ADHD does not influence the success of bariatric surgery and the reduction of BMI.