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Abstract

The current study investigates the patterns of disease persistence and comorbidity of psychiatric disorders among patients with class III obesity in pre-operative period. For 393 treatment-seeking patients with severe obesity recruited from a bariatric center, we ascertained their psychiatric diagnosis through Structured Clinical Interview for DSM-IV (SCID-I). Following, the frequency, persistence and comorbidity pattern of psychiatric disorders in this sample were determined. Current psychiatric disorders were observed in over half of patients during preoperative period, being anxiety disorders the most frequent diagnosis. For lifetime disorders, mood disorders were the most frequent diagnosis. Most of the sample presented 2 or more concurrent lifetime psychiatric disorders. While mood and eating disorders were frequent conditions, anxiety disorders were the most persistent conditions (the highest one month-to-lifetime prevalence ratio) and were significantly correlated with bipolar, depressive and eating disorders. Psychiatric disorders are frequent and enduring conditions among patients looking for bariatric surgery. Comorbid anxiety, mood, and eating disorders are remarkable features in treatment-seeking patients with obesity. Prognostic implications of preoperative psychiatric disorders on surgery outcome should be demonstrated prospectively in intervention studies.

Keywords: Psychiatric disorders, psychopathology, comorbidity, obesity, bariatric surgery

1. Introduction

Obesity and mental disorders are burdensome health problems observed in general population and clinical samples. Existing surveys using operational diagnostic criteria of the DSM-IV system have reported that between 36.8% and 80.9% of patients with obesity before bariatric surgery presented at least any mental disorder throughout lifetime (Rosenberg et al., 2006; Mauri et al, 2008; Malik et al., 2014; Duarte-Guerra et
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