

Title: Psychopathological profile of patients with obesity candidate to bariatric surgery

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Background: The psychiatric disorders can be persistent, co-occurring and indicates the possibility of subgroups psychopathological among candidates to bariatric surgery. **Objective**: 1) to investigate the persistence and co-occurrence, of psychiatric disorders, 2) identify psychopathological subgroups among candidates for bariatric surgery. **Method**: Cross-sectional observational study in patients of a waiting list of Bariatric Surgery Clinic at the HC-FMUSP de São Paulo. The subjects were submitted to Structured Clinical Interview for DSM-IV Axis I Diagnosis (SCID). The sample size was 393 patients (79.1% W); mean: age (43), BMI (47,8% kg/m²). The persistence was defined by prevalence ratio (PR) to denote the one month-to-lifetime (1M/LT). The co-occurrence was by the tetracoric correlation analysis and the psychopathological profiles by the latent class analysis, differentiated by gender. **Results:** Most of the sample presented two or more co-occurrence lifetime psychiatric disorders. Mood and eating disorders were the most frequent conditions; anxiety disorders were the most persistent and were significantly correlated with bipolar/depressive/eating disorders. The 3-class psychopathological clustering was the best-fitting solution. Women: (1)“oligosymptomatic” (42%); (2)“bipolar/with/comorbidities” (33%); and (3)“anxiety/depression” (25%). Men: (1)“bipolar/with/comorbidities” (47%); (2)“oligosymptomatic”, (40%); and (3)“anxiety/depression” (13%). For both genders, the likelihood of eating disorders was higher in both “bipolar/with/comorbidities” and “anxiety/depression” classes. Substance use disorders was prominent among “bipolar” men. **Conclusion:** Comorbid anxiety, mood, and eating disorders are remarkable features in treatment-seeking patients with obesity. Three comorbidity profiles were detected in pre-

surgical period, in men and women with severe obesity. The class of "bipolar/with/comorbidities" most likely presented comorbidity with eating and substance use disorder.

Biography

Leorides Severo Duarte Guerra has completed his PhD in 2019 and has been studing his postdoctoral from School of Medicine at University of São Paulo-Brazil. She is the coordenatior of the Obesity Studies Center NOE-IPq. She has published 6 papers in reputed journals and has been serving as the revisor member of repute journal.

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Session/name/number: Obesity
Category: Oral presentation