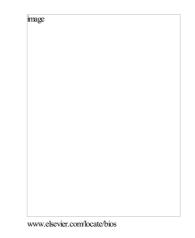
## Author's Accepted Manuscript

Effect of bariatric surgery on urinary sphingolipids in adolescents with severe obesity

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### **ACCEPTED MANUSCRIPT**

## Effect of bariatric surgery on urinary sphingolipids

## in adolescents with severe obesity

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#### Running head: Urinary sphingolipids in severe obesity

#### Key Words: obesity, sphingolipids, kidney disease, adolescents

#### Introduction

Childhood obesity has become a worldwide epidemic, tripling in the last three decades and now affecting 17% of US children and adolescents.<sup>1,2</sup> While the overall prevalence of obesity has not increased over last decade, the prevalence of severe obesity, defined as an absolute BMI  $\geq$ 35 kg/m<sup>2</sup> or > 120<sup>th</sup> percent of the 95<sup>th</sup> percentile <sup>3</sup>, is increasing and now affects 4-6% of U.S. children and adolescents.<sup>4,5</sup> Adults with untreated obesity develop glomerular Download English Version:

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