

PII8: BARIATRIC SURGERY FOR POLISH ADOLESCENTS — OUR EXPERIENCE

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Background The World Health Organization named obesity the first, global epidemic of the 21st century, and the problem relates to ever-younger children. The studies prove that excessive body mass during childhood and adolescence leads to obesity in adulthood with all complications of this disease. It emphasizes the occurrence of complications of obesity or obesity-related diseases (comorbidities), the frequency and aggravation of which may lead to severe disease or death in the future. Proceeding bariatric surgeries in children shortens duration time of the influence of unfavourable factors connected with obesity and improves the prognosis for longer life in health.

Materials and methods The analysis of 3 children with class III obesity after sleeve gastrectomy performed the year before, and the evaluation of the treatment results.

The presentation of the surgical method which is gastric sleeve gastrectomy as the one of metabolic surgery procedures.

Results The physical state of these children is good. There has been an improvement in glucose tolerance, which has resulted in withdrawal of metformin. All of the children have lost weight. Our first girl has lost 50 kg (current BMI 30.4), the other one 42 kg (current BMI 34.9), whereas the boy has lost 26 kg (BMI 32.5). There were no surgical complications.

Conclusions One of the procedure from spectrum of metabolic surgeries is anything but a „quick fix” for obesity and cannot be considered lightly. Potential patients must meet strict criteria and should first be evaluated by endocrinologists, pediatricians, dietiticians and psychologists in Pediatric Metabolic and Obesity Clinic. Together with their families, patients must also commit to lifelong lifestyle changes. But this should be an option for treatment of obesity from childhood or adolescence - not after gaining eighteen years old.

Key words adolescence bariatric surgery, obesity treatment, laparoscopic gastric sleeve gastrectomy