

EXPANDIBLE ENDOPROSTHESIS IN CHILDREN AND ADOLESCENS AFTER MALIGNANT TUMOUR RESECTION – OWN EXPERIENCE.

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In the period 2000-2014 185 children with primary bone tumors were treated. They were 102 boys and 83 girls. The age of the patient was from 4 to 25 years old. Median was 13 yrs. old. The treatment was begun from neoadjuvant chemotherapy. After achievement the regression or stabilization of primary lesion, the patients were qualified to surgery procedures. It was excision of the tumor end reconstruction by the using of the expandable endoprosthesis in spite of young age of the patients. After that adjuvant chemotherapy was used with or without metastasis treatment.

In this study the own department experience in implantation of variety types of expandable endoprosthesis were shown. The defects and advantages of each type of expandable endoprosthesis were introduced. The all data were displayed as peer analysis of the patients with variety types of endoprosthesis.

As the summary the authors published the guidelines according the handling of, service the variety types of expandable endoprostheses.