

**PP-101****Analysis of the work of the Musculo-skeletal Tumors Department of the Institute of Paediatric Oncology and Hematology for the years 2010-2013****M. Rykov**, E. Sengapova, T. Men, A. Dzampaev*Institute of Pediatric Oncology and Hematology, Moscow, Russia***Actuality:** Bone and soft tissue tumors are one of the most common cancers in children.**Materials and methods:** In 2011 - 2013 years. in the department of tumors of the musculoskeletal system, has 25 beds, 549 patients were treated (age 6 months - 17 years).**Results:** On each bed during the analyzed period were treated 22 people. It was carried out in 1833 hospitalization, the average time of hospital stay was 18 bed-days. Was performed 408 surgeries, including 132 (32.3%) - endoprosthesis limbs and 1 - endoprosthesis blades. Patients with different localizations osteosarcomas - 246 (44.9%), Ewing's sarcoma family of tumors - 138 (25.1%), soft tissue tumors - 100 (18.2%) melanoma - 7 (1.3%), other tumor - 58 (10.5%).**Conclusion:** Patients with osteosarcoma of different locations were dominated. Prolonged hospital stay was due to conduct courses of chemotherapy using high-dose methotrexate. Treatment to 40% of patients in a one day clinic can increase the fluorescent surgical activity and total separation of patients.