

**PP-058****The results of endoprosthetics of coxofemoral joint in the tumors of proximal part of the thigh bone**

K. Abdikarimov, M.A. Gafur-Akhunov, D. Polatova, S. Urunbaev, R. Davletov, B. Sultonov, U. Islamov
National Cancer Center, Tashkent, Uzbekistan

Introduction: To present the surgical treatment results of patients with primary and metastatic tumors of proximal part of the thigh bone.

Methods: There were controlled 30 patients with primary and metastatic tumors of proximal part of the thigh bone, who had been performed endoprosthetics of hip bone joint. Men 23 (76, 6%), women-7 (23, 4%), patients age ranged from 16 to 63. Morphological types of the tumors: 13 cases giant cellular tumor, in 6-chondrosarcoma, in one case sarcoma of Yuing, reticulosarcoma, fibersarcoma, solitary myeloma, fibrous dysplasia and metastasis of breast cancer, in 2-metastasis of renal cellular cancer and in 3- metastasis which was not detected primary focus. 7 patients had epimetaphyseal affection, in 4-metaphyseal, in 18-metadiaphyseal and in 1-diaphyseal. The length of affected bone was from 5 to 22 cm. Threat of pathological fracture was in 9 (30%) of patients, fractures occurred in 21 (70%). All 30 patients segmental resection was performed with endoprosthetics. The length of resection was from 6 to 25 cm. In 25 cases non cement fixation of endoprosthetic stem in medullary canal.

Results: There were not any intraoperative complications. Depending on the volume of operation patients were activated on 3-15 days. Complication in early postoperative period was observed in 3 (10%) of patients. The disjunction of endoprosthetic head occurred in two patients (reduced under X-ray control) and infection of endoprosthetic device site (removed by conservative preparations). In distant period: loosening the lower legs of endoprosthetics occurred in one patient after two years of endoprosthetics, reendoprosthetics has been performed; a female patient with endoprosthetics of Verabov fracture of endoprosthetics neck occurred after three years, reendoprosthetics has been performed again. The functional condition of hip bone joint by scale MSTs: -80 %, anatomic-functional results by scale Enneking in 18 (60%) patients were marked as excellent, in 9 (30%) as good, and in 3 (10%) as satisfactory.

Conclusion: The received results show that endoprosthetics of thigh bone joint is the method of choice of organ safety surgical treatment of primary and metastatic tumors of proximal part of the femur and in 90% of cases it allows to get excellent and good functional results.