

**PP-206****Quality-of-life and functional outcomes in patients with internal and external hemipelvectomies for tumor**

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**Introduction:** We evaluated the quality-of-life and functional outcomes of patients following internal or external hemipelvectomies.

**Materials and Methods:** We reviewed the cases of 12 patients who had undergone either internal or external hemipelvectomy for tumor. Twelve patients who were previously treated operatively with either a type II periacetabular internal (n = 5) or external (n = 7) hemipelvectomy were evaluated using the Toronto Extremity Salvage Score (TESS), Musculoskeletal Tumor Society (MSTS), and the Linear Analog Self-Assessment tool (LASA). There were 8 (66.3%) men and 4 (33.3%) women in the study, with a mean age at operation of 47.4 years (range, 18-65 years).

**Results:** Follow-up was 33.41 months. Overall mean MSTS score was 43.2, and TESS score was 58.4. TESS and MSTS were all positively correlated to physical component score. There were no significant influences of postsurgery time on MSTS, TESS, or physical component score. Physical function was worst in older patients relative to younger patients. Overall quality-of-life parameters were similar between the groups.

**Conclusions:** Quality-of-life and long-term functional outcome were significantly reduced for patients with internal and external hemipelvectomies on the TESS, MSTS, and the Linear Analog Self-Assessment tool (LASA).