**Segmental Weil Osteotomy**

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**Precis/Summary:**
Comparison of the results of the sliding versus segmental Weil osteotomies for lesser metatarsal joint pain and deformity.

**Abstract:**

The oblique shortening osteotomy can address lesser metatarsophalangeal pathology but can have a high rate of complications. The purpose of this study was to review the results of the segmental resection metatarsal osteotomy. Between 2004 and 2006, forty eight patients underwent the segmental resection osteotomy with a minimum follow up of six months (range six to twenty-six). All the patients were evaluated with the American Orthopaedic Foot and Ankle Society (AOFAS) forefoot score and a questionnaire addressing distances they were able to walk, work limitations, sporting activity, and overall satisfaction. The AOFAS forefoot score was an average of 87.6 (range, 59-100 and SD 10.97) and the overall satisfaction was 85.4%. The complication rate was 18.8% for transfer metatarsalgia, 27.1% for floating toes, 35.4% for toe weakness, 14.6% for infection, and 10.4% for wound healing problems. Despite the complications, the segmental osteotomy patients were satisfied with the outcome for lesser MTP joint pain and deformity.