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ABSTRACT TITLE: Return to run after Halux Valgus correction

BACKGROUND

Hallux valgus affects 23 -36% in general populations. The purpose of this study was to evaluate return to run following either a modified Lapidus procedure or a metatarsal osteotomy. We hypothesized that there would be no difference in the ability to return to running.

METHODS

A Retrospective review of a consecutive series of patients at a single institution with surgical correction was performed. 51 patients were identified. 35 were treated with a metatarsal shaft osteotomy and 16 with a modified Lapidus.

RESULTS

No difference was found between the cohorts in terms of age, sex, or pre- operative hallux valgus angle (HVA). 27/35 (77%) with metatarsal shaft osteotomy were able to return to running versus 13/16 (81%) with modified Lapidus. There was no significant difference in the ability to return to running between cohorts ($p=1.00$). Conclusion: Our study showed no statistical difference for the modified Lapidus versus metatarsal osteotomies relative to return to running.