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.