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# CORRECTION OF POST-TRAUMATIC DEFORMITIES OF LOWER LIMB USING ILIZAROV FRAME AND TECHNIQUE

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## Introduction

The aim of the study is to evaluate the results of using Ilizarov technique for correcting the post traumatic lower limb deformities.

## Materials and Methods

This prospective study included 25 femurs (Group A) and 65 tibiae (Group B) underwent correction with Ilizarov technique and frame. Both groups had moderate and complex deformed segments. Outcomes were Ilizarov correction time, distraction index (DI), consolidation index (CI), Ilizarov index (II) and complications.

## Results

Within group A, mean correction of frontal plane deformity was 15°, sagittal plane was 10° rotational deformity was 20°. In group B, mean correction of frontal plane deformity was 19°, sagittal plane was 12° and rotational deformity was 10°.

## Conclusions

Ilizarov provided easy, accurate and excellent lower limb deformity correction and lengthening.

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