# Surgical technique for Weil's osteotomy

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## CONCEPT

Static metatarsalgia often necessitates realignment of the metatarsal range to re-establish a correct pressure distribution on the metatarsal heads.
Except in cases where the bones are too weak to support correct fixation, the Weil cervico-cephalic osteotomy can be used to correct all first ray balance problems.
With the system, a simple, stable, compressive fixation can be carried out allowing early weight bearing and immediate reeducation, thus avoiding stiffness in the joint.
This osteotomy can be used for supple claw toe deformities, MP luxations and fifth metatarsal head impediment.

## Operative technique

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Afetr liberating the metatarsal head and sectioning the lateral ligaments, the head is raised with a spatula. The osteotomy can then be carried out using a saw.

Once the metatarsal head has been pushed back, the distal portion of the proximal fragment is removed. The reduction is maintained using the spatula as a counterstay.

1 - Prepare the screw passage entry using the guide and the yellow ring drill in order to avoid creating a recessed line in the cortex when the screw is tightened.

2 - Place the screw directly, using the green ring screwdriver mounted a power drill or the ergonomic handle, while keeping the counter stay in place

3 - Tighten the screw manually.

NB : In general, decreasing screw lengths are used (14mm to 11mm) from M2 to M5 respectively