Surgical technique for metatarsal Scarf osteotomy

TriMed®

CONCEPT

Scarf osteotomy is carried out horinzontally on metatarsus primus. As result of the work done by Burutaran and L.S. Barouk, this osteotomy has become an essential part of forefoot surgery; it can be used to remedy almost all problems related to the length and angulation of metatarsus primus. The surgery is easy to carry out if a reliable and easy-to-implement osteosynthesis system is available.
Thanks to the mechanical characteristics of its screws and its ergonomics, the system fulfills the requirements mentioned above and allows almost immediate reeducation and weight bearing.

Operative technique

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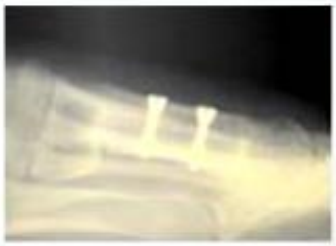
Once the osteotomy resections have been made with a saw, the displacement of the bone fragments along the cut line is automatic.
The fragments are then stabilised using bone holding forceps.



Usual technique

1 - Perform drilling using the yellow ring cannulated drill.
2 - Read the length of screw necessary using the depth gauge.
3 - Insert the 0.8mm guide wire.
4 - Prepare the superior cortex, drilling through the entire height of the conical portion of the yellow ring cannulated countersink.
5 - Place screws using the cannulated screwdriver.

Wire guidance

Drilling can be made easir by inserting two 0.8mm guide wires through both cortical walls.
A yellow-ring drill is then used for drilling and the length of screw necessary is read directly off the drill.
The other operating stages remain unchanged.