

s 2018 0058

The invention relates to medicine, namely to traumatology and plastic surgery, and can be used for treating the avulsion fracture of the calcaneal tuberosity.

Summary of the invention consists in that it is performed an incision in the posterior part of the calcaneal tuberosity with the obtaining of access to the Achilles tendon fragments. It is performed the reduction of fragments in plantar flexion of the ankle. Two Kirschner's wires are then introduced in parallel through the Achilles tendon insertion site from the medial and lateral parts of the avulsed fragment, perpendicular to the fracture line and directed to the lower part of the calcaneus. Afterwards a sponge screw with a diameter of 4.0 mm is introduced through the lower fragment of the calcaneal tuberosity, from the posteroinferior to the anterosuperior side.

Directly through the insertion of the Achilles tendon behind the ends of the Kirschner's wires is passed a tension band with a width of 1.25 mm with the intersection of both ends of the band behind the posterior part of the calcaneus. One end of the tension band is passed around the screw, then the free ends are attached to the ends of said wires and tightened, the ends of the wires are bent, cut and introduced under the skin, and the wound is sutured in layers.

Claims: 1