

Title (en)
APPARATUS FOR POSITIONING THE ANKLE AND THE FOOT

Title (de)
VORRICHTUNG ZUM BEEINFLUSSEN DER HALTUNG DES SPRUNGGELENKES UND DES FUSSES

Title (fr)
APPAREIL DE POSTURE DE LA CHEVILLE ET DU PIED

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Application
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Abstract (en)
[origin: WO0107120A1] The invention concerns an apparatus for positioning the ankle and the foot, in flexion, internal rotation, external rotation, torsion, enabling through support and control of the body weight, with stretched knee, to recover the foot and ankle range of motion, while stretching the rear and lateral fascia of the leg, and incidentally of the foot, releasing their movements, as well as the inherent venous return circulation. The apparatus consists of: (I) a main component comprising: (1) a stop element (1) receiving the heel protected by a soft rubber volume (V10); (2) an inclined plane (IB) protecting the forefoot bones with a bonded soft rubber piece (V11) providing a dorsal flexion of the foot at 20 DEG ; (3) a vertical frame (IC) providing said inclination whereof the lower end (IC1) provides lateral inclination at 20 DEG . (II) An intermediate component (II) nested above the previous one (IC) providing additional flexion of 10 DEG , making a total of 30 DEG while increasing the foot rotation by 10 DEG bringing the total to 40 DEG . (III) A supplementary component (III and III bis) providing further flexion of 10 DEG , that is a total of 40 DEG while increasing the foot rotation by 10 DEG , making a total of 40 DEG . In another embodiment, the apparatus consists of: (I) a main component (Fig. 7A) capable of being overturned, comprising: (1) a cavity (1) at the upper surface to provide a dorsal flexion of the foot at 20 DEG ; (2) a cavity (2) at the lower surface to provide a dorsal flexion of the foot at 30 DEG ; (3) an inclined plane (3) at 20 DEG or 30 DEG supporting the two cavities (1) and (2); (II) an intermediate component (4) nested above the previous one (A) enabling to increase the inclination; (III) two hemispherical appliances (5) providing a lateral rotation of the foot.

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