

Title (en)
TEMPLATES, PROSTHESES AND ORTHOSES

Title (de)
SCHABLONEN, PROTHESEN UND ORTHESSEN

Title (fr)
GABARITS, PROTHÈSES ET ORTHÈSES

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Abstract (en)
[origin: WO2016116571A1] The invention relates to a resection template (10) for the resection of a bone (200), comprising at least one support device (20) for support on the bone (200) and at least one tool guide (30) for guiding a tool for machining, in particular resection, of the bone (200), characterized in that the resection template (10) has a clamping mechanism, locking mechanism and/or snap-action mechanism for fixing it to the bone (200), or in that the resection template (10) is an at least two-part structure and has a first template part (11) for carrying out a first resection and a second template part (12) for carrying out a second resection, the first template part (11) being particularly designed as an individual template, preferably for distal resection, and the second template part (12) being particularly designed as a standardized template part for multiple use and preferably for multiple resection, or in that the resection template (10) has a drill guide (35), in particular parallel to the tool guide (30) and designed as a saw guide, in particular for producing a groove in a resection surface of the bone (200), and/or is precisely and stably fixable to the bone by means of locking or snap-action mechanisms, and in particular allowing the exact implantation of an individually adapted endoprosthesis (100) whose size has been reduced as much as possible. The invention further relates to an exo-template or exoprosthesis or knee-joint orthosis for the, for example, post-operative stabilization of the knee joint and relief of the strain thereon, comprising a hinge, which permits a physiological movement of the knee joint, wherein, in particular, on the model of individual knee-joint prostheses, sliding hinges are attached to the outside of the exoprosthesis to ligament insertion points corresponding to the Burmester curve and held in place by braces.

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