

Smart Crutch Tips for Guided Weight-Bearing in Patients Recovering From Extra-Articular Proximal Tibia Fractures

NCT07134257

Status	RECRUITING
Phase	Not Applicable
Sponsor	Comeback Mobility Inc
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (11)

- Signed informed consent was provided after being fully informed about participation in the study.
- Age: 18 to 60 years for both males and females (pre-menopausal).
- Body weight between 40 and 120 kg.
- Diagnosed with a closed tibial shaft fracture (AO/OTA classification: 41-A2, 41-A3) requiring surgical treatment.
- Fracture treated exclusively with a plate.

... and 6 more (see full listing online)

Exclusion (16)

- Presence of open or high-energy fractures, multiple lower-limb fractures, or use of bone grafts.
- Fractures classified as 43-B or 43-C according to AO/OTA.
- Chronic alcoholism (defined as >14 standard drinks per week for men or >7 for women).
- Presence of metabolic disorders, including uncontrolled thyroid dysfunction, severe renal or hepatic pathology.
- Pathological fractures associated with osteoporosis, osteomyelitis, tumors, metastases, or rickets.

... and 11 more (see full listing online)

Locations (11 total)

Kyiv City Clinical Hospital No. 1, Kyiv, Kyiv Oblast, Ukraine
Municipal Clinical Hospital No. 6 of the Dnipro City Council, Dnipro, Ukraine
Municipal Clinical Hospital No. 4 of the Dnipro City Council, Dnipro, Ukraine
... and 8 more locations