

Safety and Efficacy of hUC-MSC for the Treatment of Cartilage Damage in the Knee Joint

NCT06981741

Status	RECRUITING
Phase	Phase 1, Phase 2
Sponsor	BIONCaRT GmbH
Enrollment	55 participants

Key Eligibility Criteria

Inclusion (8)

- Patients of any gender with an age from e 18 years to d 60 years
- Clinical indication for a surgical cartilage regeneration procedure
- Symptomatic grade III/IV cartilage defect according to ICRS or osteochondral defect with a maximum depth of 3 mm
- A cartilage defect requiring treatment with a defect size of 2-6 cm² on the femoral condyles or patella or trochlea
- Affected and contralateral knee (if known): Kellgren-Lawrence (K/L) osteoarthritis severity \< grade III

... and 3 more (see full listing online)

Exclusion (36)

- Clinical indication explicitly for a cartilage regeneration procedure other than the intended study treatment
- Known varus or valgus malalignment of the affected leg of e 5°
- Antero-posterior or medio-lateral instability
- Meniscus loss of more than 20% in the affected compartment
- Patella instability

... and 31 more (see full listing online)

Locations (7 total)

Klinikum Altenburger Land, Klinik für Orthopädie und Unfallchirurgie, Altenburg, Germany

St. Nikolaus Stifts-Hospital, Andernach, Germany

Sozialstiftung Bamberg Klinikum am Bruderwald, Klinik für Orthopädie und Unfallchirurgie, Bamberg, Germany

... and 4 more locations