

Genicular Artery Embolization for Reducing Pain in Medically Refractory Symptomatic Knee Osteoarthritis

NCT06859164

Status	RECRUITING
Phase	Phase 2
Sponsor	University of Chicago
Enrollment	50 participants

Key Eligibility Criteria

Inclusion (5)

- Patients aged 40-80
- Bilateral or unilateral knee pain attributed to osteoarthritis (treat the knee with greater pain-if equal, patient chooses)
- Grade 2-4 osteoarthritis on standing weight-bearing knee radiographs per the Kellgren-Lawrence grading scale
- Knee pain \gt 6 months, refractory to conservative non-operative management, and scored e 4 on Visual Analog Scale (VAS) (e.g., rest, activity modification, weight control, bracing, supervised physical therapy, nonsteroidal anti-inflammatory drugs (NSAIDs), acetaminophen, oral opiates, intra-articular hyaluronic acid, PRP, stem cells, and/or oral/injectable corticosteroids)
- Refusal of intra-articular corticosteroid injection

Exclusion (24)

- Active malignancy
 - Active infection of the affected knee
 - Corticosteroid injection of the affected knee within 3 months of enrollment
 - Rheumatoid arthritis or other seronegative arthropathy
 - Previous surgery of the affected knee (e.g., meniscus repair, meniscectomy, anterior cruciate ligament (ACL)/posterior cruciate ligament (PCL) reconstruction, chondroplasty, microfracture, loose-body removal, synovectomy, lateral release, patellar/quadriceps tendon repair, total or partial knee replacement, osteotomy, cartilage transplant), except diagnostic arthroscopy
- ... and 19 more (see full listing online)

Locations (1 total)

University of Chicago, Chicago, Illinois, United States

<https://clinicaltrials.gov/study/NCT06859164>

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