

Extracorporeal Shockwave Versus Phonophoresis Using Chitosan-Nanoparticles Gel on Functional and Anatomical Changes Detected With Artificial Intelligence Based Texture Analysis Algorithm in Knee Osteoarthritis Patients: A Double Blind Randomized Controlled Trial

NCT06567301

| | |
|------------|------------------|
| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | Cairo University |
| Enrollment | 120 participants |

Key Eligibility Criteria

Inclusion (7)

- Age between e40 and d 65 years old.
 - Both genders.
 - Patients should have OA of the knee, Kellgren-Lawrence scores of 2 and 3 on radiologic evaluation.
 - If both knees diagnosed as OA, the most affected one will be selected.
 - Diagnosis of KOA who had knee pain and functional disabilities for at least three months, according to American College of Rheumatology classification (ACR) at screening visit.
- ... and 2 more (see full listing online)

Exclusion (16)

- Patients with any previous knee surgeries or lower limb fractures.
 - Chronic inflammatory diseases such as rheumatoid arthritis.
 - Any neurological disorders.
 - Moderate to significant knee synovitis.
 - Hot or red knee.
- ... and 11 more (see full listing online)

Locations (2 total)

Physical Therapy College - Cairo University, Giza, El Dokki, Egypt
Physical therapy college - Cairo University, Giza, EL Doqqi, Egypt