

Effect of 60-day Peripheral Nerve Stimulation (PNS) in Alleviating Pain and Improving Function After Acute Thoracolumbar Compression Fracture

NCT07079865

Status RECRUITING
Sponsor Saint Peters University Hospital
Enrollment 15 participants

Key Eligibility Criteria

Inclusion (6)

- Adult females ages 18+
- Osteoporosis diagnosis with acute/subacute insufficiency fractures of the thoracic or lumbar spine identified on MRI or X-ray with significant pain and activity limitation.
- Onset of pain from associated fracture should be less than 3 months.
- Minimum pain should be 4 or greater (Moderate) on the NRS scale and/or impairing their daily activity.
- Patients reported pain should be despite OTC medication trials of NSAIDs, Tylenol, lidocaine patches or similar medications.
- ... and 1 more (see full listing online)

Exclusion (4)

- Patients with pathological fractures, other etiologies of fracture such as pagets disease, multiple myeloma, local or systemic infection, untreated coagulopathy, untreated psychosocial disease.
- Other etiologies of osteoporosis other than primary osteoporosis will be excluded such as hyperparathyroidism, anorexia, malabsorption, hyperthyroidism, or overtreatment of hypothyroidism, chronic renal failure, cushing.
- Patients with diminished mental capacity (mental condition that will inhibit their ability to complete the assessments) as determined by the investigator.
- Patients with an active cardiac implant device such as a pacemaker or defibrillator.

Locations (4 total)

University Orthopaedic Associates - Division of OrthoNJ, Avenel, New Jersey, United States
University Orthopaedic Associates - Division of OrthoNJ, Morganville, New Jersey, United States
University Center for Ambulatory Surgery (UCAS), Somerset, New Jersey, United States
... and 1 more locations