

SNS COLLEGE OF ALLIED HEALTH SCIENCES



SNS Kalvi Nagar, Coimbatore - 35 Affiliated to Dr MGR Medical University, Chennai

DEPARTMENT: PHYSICIAN ASSISTANT

SUBJECT NAME: ORTHOPAEDICS

UNIT: Four

TOPICS: Pseudoarthrosis





Pseudoarthrosis, or bone nonunion, occurs when bones do not fuse correctly after an injury or surgery. If symptoms occur, they may include pain, clicking joints, and reduced mobility.





Etiology

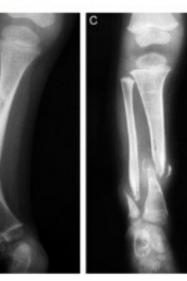
- * Moving after surgery:
- * Medical condition :Anklylosing spondylitis
- * Congenital conditions: In rare casesTrusted Source, pseudoarthrosis may be a congenital condition a person has from birth.





- * Being malnourished.
- * Being obese.
- * Having diabetes.
- * Having osteoporosis.
- * Having other metabolic disorders.
- * Using steroids for a long period of time











Symptoms

- * Reduced mobility
- *Persistent pain
- * Fever
- *Clicking joint





Risk Factors

- * Smoking
- * Older age
- * Osteoporosis
- * Metabolic
- conditions
- * Diabetes





Diagnosis

- * History collection
- * Physical Examination
- * CT- Scan
- * X-ray





Management

- * Non-Steriod Anti-inflammatory Drug -To relieve pain and swelling
- * Physical therapy
- * Bone transport may also be used in the treatment of pseudoarthrosis.
- * Bone grafts





- * Platelets Rich Plasma
- * Dyanamination
- * Stem Cell Therapy





Complications:

* Risks include bleeding, infection, escalation in pain, nerve, and muscle damage.





THANK YOU