



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 cases Trusted 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

