

# SEPTIC ARTHRITIS

**ETIOLOGY : MC cause** overall = Sir Staphylococcus aureus Ji.

↳ Sexually active age group = Gonococcus

**PATHOGENESIS :** MC route : hematogenous

MC Joint: Knee > Hip

## Septic Arthritis of Hip

S. aureus → proteolytic degradative enzymes (COLLAGENASE, ELASTASE, AGGRECANASE, MATRIX METALLO PROTEINASE)

→ Enzymes destroy ARTICULAR CARTILAGE in 2-8 hours

↳ BONY ANKYLOSIS

Clinically: Rural mother (2 Years ♂)

RBOR TUMOR } Hip  
DOLOR CALOR } 2-8 hours  
FUNCTIO LAESO } Acute onset

Symptom severity ↑↑↑  
Fever c- chills/rigors

LIMPING GAIT }  
Attitude of Hip = **FABER** } Flexion  
Abduction } Most comfortable position of Hip [ Capsule Volume is maximum ]  
ER }

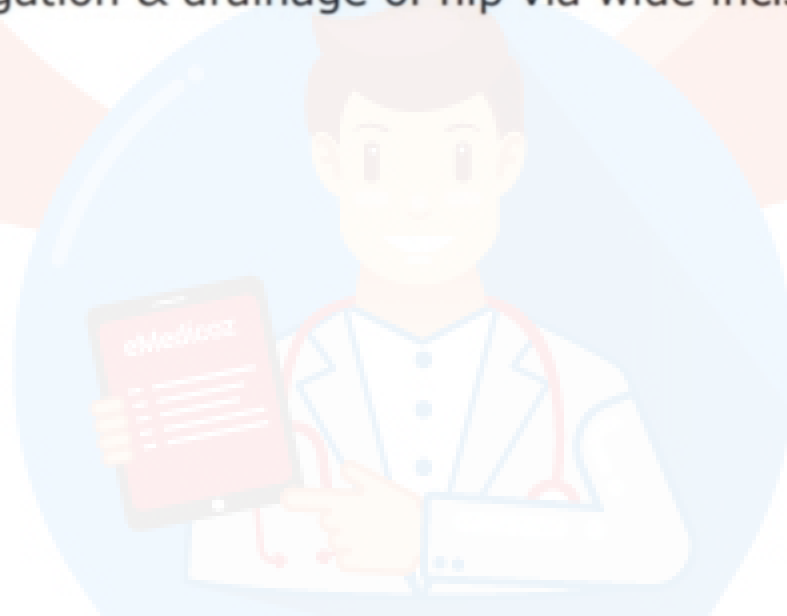
**Mx : 1. Blood counts (CBC/ESR/CRP) -** TLC ↑↑↑ ESR ↑↑↑ N ↑↑ CRP ⊕

**2. USG Guided Aspiration** NEXT STEP

↳ Not done for diagnostic but for therapeutic purpose

**3. ARTHROTOMY** BEST STEP

↳ Surgical irrigation & drainage of hip via wide incision & exposure



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