



**RAMA
UNIVERSITY**

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FACULTY OF NURSING

OSTEOMYELITIS

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Definition-

Osteomyelitis is an infection of the bone, a rare but serious condition. Bones can become infected in number of ways. Infection in one part of the body may spread through the bloodstream into the bone, or an open fracture or surgery may expose the bone to infection

- ❖ Bacteria- staphylococcus aureus
- ❖ Chronic condition like Diabetes
- ❖ HIV/ AIDS
- ❖ Use of intravenous drugs
- ❖ Hemodialysis
- ❖ Long term use of steroids
- ❖ Poor blood supply
- ❖ Recent injury

Sign and symptoms-

- ❖ Fever
- ❖ Irritability
- ❖ Fatigue
- ❖ Tenderness and redness
- ❖ Swelling around the affected bone
- ❖ Lost range of motion

Diagnostic Evaluation-

- ❖ X- ray
- ❖ Blood test
- ❖ MRI
- ❖ Bone Biopsy

Treatment-

- ❖ Medication given according to prescription

THANK YOU