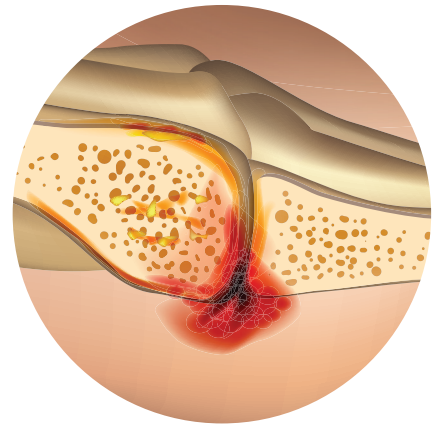


# What is Osteomyelitis?

Osteomyelitis is a medical condition that happens when bacteria or germs infect the bones. This can typically happen through a broken bone or an open sore that is close to bone.

- May be caused by bacteria, fungi, parasite or virus
- Common culprit: direct contamination to open skin
- Can also result from infection in another area of body (travels to bone via bloodstream)
- Staph a. is most common identified organism



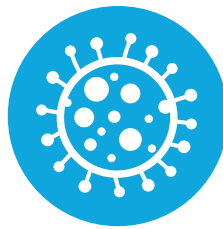
**Bone Infections can be caused from:**



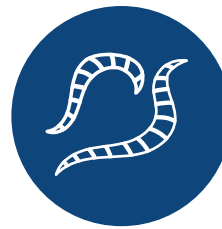
**Fungi**



**Bacteria**



**Parasites**



**Viruses**

**Open Wounds make it easy for bacteria and germs to enter the body.**



## Symptoms

- Slow or non-healing wound
- Chronic wound reopening
- Localized pain or redness
- Fever
- Malaise



## What to Do at Home

- Use good hygiene practices
- Follow Safe Dressing Change steps
- Always keep the wound clean and covered
- Watch for worsening symptoms



## Treatment

- Removal of necrotic bone
- Antibiotics for 4-8 weeks
- Hyperbaric Oxygen Therapy
- Pain medication
- Amputation for severe cases