

OSTEOSARCOMA PATHOCHART

PATHOPHYSIOLOGY

Osteosarcoma is the most common type of bone cancer, and typically occurs in the metaphysis of long bones in children and adults (although it can occur in any bone). This condition typically presents as swelling and localized bone pain, with treatment consisting of radiation, chemotherapy and/or surgery.

ASSESSMENT FINDINGS

- Localized bone pain (typically in long bones)
- Swelling
- Warmth at the site of pain



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DIAGNOSTICS

- X-Rays
- Bone Scan
- MRI
- Needle biopsy

NURSING PRIORITIES

- Provide comfort
- Optimize mobility
- Assist in coping
- Improve functional ability

THERAPEUTIC MANAGEMENT

- Radiation
- Chemotherapy
- Surgical Resection
- Amputation

MEDICATION THERAPY

- Chemotherapy
- Antiemetics for chemo side effects
- Analgesics