

Osteosarcoma & its variants

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| Clinical Diagnosis | <ul style="list-style-type: none">- Any pain in the metaphyseal region following a minor injury and disproportionate to the injury or if the pain is slowly increasing day by day after minor injury and especially without fever- In late cases pain preceding a spindle shaped swelling in the metaphysic of long bone |
| Investigation | <ul style="list-style-type: none">- plain x-ray- x-ray chest- Serum alkaline phosphatase- MRI of lesion- CT Chest- needle biopsy |
| Treatment | <ul style="list-style-type: none">- chemotherapy for 6 weeks followed by limb sparing surgery (excision of tumour in toto and replacement by custom mega prosthesis), again followed by chemotherapy- after histological examination of the excised tumour for tumour necrosis, the chemotherapy may be suitably altered- Patient followed at frequent intervals for local recurrence and lung metastases- In cases of late presentation where tumour excision is not feasible a course of chemotherapy is followed by amputation of the limb – chemotherapy is continued- Where lung metastases are present amputation of the limb is palliative |