

Pathological Fracture in Osteosarcoma

Treating hospital

History #

Surgeon

Date of Presentation
 / /

DOB
 / /

Pt Sex
 Male
 Female

Stage of disease (MSTS)

I II B
 II A III

1. Anatomic location: proximal 1/3 medial 1/3 distal 1/3

Humerus
 Femur
 Tibia
 Other

2. Tumor size (measured on AP radiography)

0-3 cm
 4-8 cm
 9-12 cm
 >12 cm


3. Radiographic pattern:

blastic
 lytic
 permeative

4. When did the fracture occur?

at presentation
 after induction chemotherapy
 before biopsy
 after biopsy

5. How much was the fracture displaced?



Impacted < 1/3 < 2/3 complete

TREATMENT

6. Did the patient receive chemotherapy? 7. If yes, what protocol?

YES POG
 NO CSG
 SWOG
 Other

8. Fill in appropriate circle(s) with drug abbreviations

ADR BCD
 MTX VCR
 IFOS CISPd

9. Was induction chemotherapy complete? 10. If not, why?

YES not tolerating chemotherapy
 NO disease progression
 death

11. If yes, was the fracture managed?

closed treatment, cast
 closed treatment, traction
 closed treatment, external fixation
 open reduction-internal fixation
 amputation

12. Date of surgery

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13. Did the fracture unite?

YES
 NO

14. If not, was there progression of:

disease
 instability

15. Surgical Procedure

amputation at time of presentation
 amputation during chemotherapy
 amputation after chemotherapy
 limb salvage after chemotherapy
 limb salvage at time of fracture

16. Results of treatment

	YES	NO	Recurrence
Local recurrence (date)	<input type="radio"/>	<input type="radio"/>	Date
Metastasis (date)	<input type="radio"/>	<input type="radio"/>	Date
NED	<input type="radio"/>	<input type="radio"/>	Date
Death (date)	<input type="radio"/>	<input type="radio"/>	Date
AWD	<input type="radio"/>	<input type="radio"/>	Date

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17. Surgical margin 18. Vascular invasion 19. Pathologist's estimate of % necrosis 20. Date of last follow-up

Intralesional YES < 80
 marginal NO 81-90
 wide > 95
 radical

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