

Bone Sarcoma: Detailed Diagnostic Pathway – second version

New diagnosis

- Clinical presentation
- Plain imaging of site
- Suspicion of bone cancer
- MRI – whole bone extremity tumours
- Discuss at Radiotherapy MDT meeting
- Additional investigations planned in pre-diagnostic meeting
 - Biopsy; or
 - CT PET or Bone Scan
- Surgery

Recurrence

Suspected recurrence – key worker and MDT Coordinator informed

Local recurrence / metastatic disease

- MRI / CT PET
- Discuss at Oxford Sarcoma Service Diagnostic MDT
- Complete staging and consider biopsy if planned resection

If appropriate:

- Histopathology
- Immunohistochemistry
- Molecular / genetic testing (Laboratory = OUH)

See 'Oxford Sarcoma Patient Management Policy'.

All histology reviewed by Specialist Sarcoma Pathologist.

Notes

This pathway applies to patients of all ages **except children**.

For all non-rhabdomyosarcomatous soft tissue sarcomas and extremity rhabdomyosarcomas in children discussion with the sarcoma MDT is strongly encouraged when diagnosis is suspected or recently established.

Patients **under 25** will also be referred to the Teenage and Young Adult or Paediatrics MDTs as appropriate.

This pathway applies to new diagnosis and recurrences.