

Management of Gastrointestinal Stromal Tumour (GIST)

Aims: Distribution of the agreed pathway for management of ALTs by the Oxford Sarcoma Service.

Issued by: Oxford Sarcoma Advisory Group (OSAG)

As agreed by OSAG:

- Core members
- Trust Sarcoma Clinical Lead
- Oxford Sarcoma MDT

Author: OSAG

Date of version: March 2026

Version number: 1.1

Approval date: March 2026

Outstanding issues: None

Date of next review: March 2028

Available at: [Oxford Sarcoma Advisory Group - Oxford Sarcoma Service - Oxford University Hospitals](#)

Management of Gastrointestinal Stromal Tumour (GIST)

Introduction

- This pathway refers to the care of patients within the Oxford Sarcoma Network with suspected or confirmed GIST.
- The aim of the pathway is to ensure patients receive appropriate and timely care from teams with the appropriate diagnostic and treatment expertise.

Principles of the service

- All people with a suspected or confirmed diagnosis of sarcoma must be referred to a Specialist Sarcoma Centre for multidisciplinary team (MDT) discussion.
- The principal role of a Sarcoma MDT is to determine a care plan for all people with bone and soft tissue sarcoma and to be responsible for its delivery either by members based at the Specialist Sarcoma Centre or by designated practitioners working at Local Sarcoma Units or by Children /

Teenage and Young Adult Principal Treatment Centres following care pathways agreed by the Sarcoma Advisory Group.

- Pathology for all sarcomas must be reviewed by a Specialist Sarcoma Pathologist for diagnostic confirmation and undertaking any appropriate molecular analysis and genomic testing.
- Sarcoma services must be structured and managed to reduce the number of unplanned excisions or excisions undertaken outside a specialist centre.
- All resections of sarcomas are undertaken by surgeons who are core or designated members of the Sarcoma MDT.

Points of contact

General referral information

[Oxford Sarcoma Service Referrals - Oxford Sarcoma Service - Oxford University Hospitals](#)

Email

sarcoma.referrals@ouh.nhs.uk

Sarcoma Office Telephone

01865 738061

Emergent / clinically urgent cases

For direct discussion with Nuffield Orthopaedic Centre Registrar / Fellow on call available through hospital switchboard:

0300 304 7777

Pathways / Guidance

Suspected gastrointestinal stromal tumour

Suspected / biopsy-proven GIST

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

Local Upper GI / Lower GI MDT

- Register patient
- Review diagnosis
- Pain management

All history reviewed by designated GIST histopathologist.

Discussion between MDTs to determine appropriate hospital for definitive excision.

Localised disease

- Excision of local disease
- Postoperative diagnosis of GIST
 - Local Upper GI / Lower GI MDT; **or**
 - MDT review to decide if adjuvant treatment
 - Follow-up according to national UK GIST guidelines

Locally advanced disease

- Neoadjuvant Imatinib
- Definitive excision (Sarcoma Centre)
- Follow-up according to national UK GIST guidelines

Metastatic disease

Imatinib

Recurrence / disease progression

Local Upper GI / Lower GI MDT