

# Gastrointestinal Stromal Tumour (GIST) Histopathology Reporting Guide Resection Specimens



Family/Last name  Date of birth

Given name(s)

Patient identifiers  Date of request  Accession/Laboratory number

Elements in **black text** are CORE. Elements in **grey text** are NON-CORE. SCOPE OF THIS DATASET   
 indicates multi-select values     indicates single select values

**NEOADJUVANT THERAPY**

- Information not provided
- Not administered
- Administered, *describe*

**RELEVANT SYNDROME**

- Information not provided
- Carney triad
- Carney-Stratakis syndrome
- Neurofibromatosis type 1
- Familial GIST syndrome
- Other, *specify*

**OPERATIVE PROCEDURE** (select all that apply)

- Not specified
- Resection, *specify type*

- Lymph nodes, *specify site(s)*

- Other, *specify*

**TUMOUR SITE** (select all that apply)

- Not specified
- Oesophagus
- Gastro-oesophageal junction
- Stomach
- Duodenum
- Small intestine (non-duodenal)
- Colon (non-rectal)
- Rectum
- Other, *specify*

**TUMOUR FOCALITY** (Note 5)

- Cannot be assessed
- Unifocal
- Multifocal

Specify number of tumours

Specify site(s)

**MAXIMUM TUMOUR DIMENSION**

mm

OR

mm

to

mm

<sup>a</sup>

- Cannot be assessed, *specify*

<sup>a</sup> Include the range of sizes for multifocal tumours.

**HISTOLOGICAL TUMOUR TYPE**

- Spindle cell type
- Epithelioid type
- Mixed type
- Other, *specify*

**MITOTIC COUNT**

/5 mm<sup>2</sup>

- Cannot be assessed, *specify*

**NECROSIS** 

- Cannot be assessed
  - Not identified
  - Present
- ▼  %

**TUMOUR RUPTURE** 

- Not identified
- Present

**RISK ASSESSMENT** 

- Not applicable
- No risk
- Very low risk
- Low risk
- Moderate risk
- High risk
- Overtly malignant/metastatic
- Cannot be assessed, *specify*

▼

**LYMPHOVASCULAR INVASION** 

- Not identified
- Present
- Indeterminate

**RESPONSE TO NEOADJUVANT THERAPY** 

- No prior treatment
- No response
- Response, *describe*

▼

- Cannot be assessed, *explain reasons*

▼

**MARGIN STATUS** 

- Cannot be assessed
- Not involved

▼ Distance of tumour from closest margin  mm

Specify closest margin, if possible

- Involved

▼ Specify margin(s), if possible

**LYMPH NODE STATUS** 

- Cannot be assessed
- No nodes submitted or found

Number of lymph nodes examined

- Not involved
- Involved

▼ Number of involved lymph nodes

- Number cannot be determined

**COEXISTENT PATHOLOGY** 

- None identified
- Present, *specify*

▼

**ANCILLARY STUDIES** 

**Immunohistochemistry**

- Not performed
- Performed

▼  KIT (CD117), *record results*

▼  DOG1 (ANO1), *record results*

▼  SDHB, *record results*

▼  Other (e.g., SDHA), *specify test(s) and result(s)*

**Molecular genetic testing**

- Not performed
- Performed, *record methodology and result(s)*

▼

**Other ancillary studies**

- Not performed
- Performed, *specify test(s) and result(s)*

▼

**HISTOLOGICALLY CONFIRMED METASTASES** 

- Not identified
- Present, *specify site(s)*


**PATHOLOGICAL STAGING (UICC TNM 8<sup>th</sup> edition)<sup>b</sup>** 

**TNM Descriptors** (only if applicable) (select all that apply)

- m - multiple primary tumours
- r - recurrent
- y - post-therapy

**Primary tumour (pT)**

- Inadequate specimen for assessment
- TX Primary tumour cannot be assessed
- T0 No evidence for primary tumour
- T1 Tumour 2cm or less
- T2 Tumour more than 2cm but not more than 5cm
- T3 Tumour more than 5cm but not more than 10cm
- T4 Tumour more than 10cm in greatest dimension

**Regional lymph nodes (pN)**

- No nodes submitted or found
- NX Regional lymph nodes cannot be assessed<sup>c</sup>
- N0 No regional lymph node metastasis
- N1 Regional lymph node metastasis

<sup>b</sup> *Reproduced with permission. Source: UICC TNM Classification of Malignant Tumours, 8<sup>th</sup> Edition, eds by James D. Brierley, Mary K. Gospodarowicz, Christian Wittekind. 2016, Publisher Wiley (incorporating any errata published up until 6th October 2020).*

<sup>c</sup> *Regional lymph node involvement is rare for GISTs, so that cases in which the nodal status is not assessed clinically or pathologically could be considered N0 instead of NX or pNX.*