



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.

indicates multi-select values indicates single select values

[SCOPE OF THIS DATASET](#)

CLINICAL INFORMATION

Information not provided

Preoperative treatment (select all that apply)

- Information not provided
 No known preoperative therapy
 Chemotherapy given
 Radiotherapy given
 Other, *specify*

First known cancer

- Yes
 No, *specify previous tumour(s)*

Known cancer predisposition syndrome, *specify*

Other clinical information, *specify*

OPERATIVE PROCEDURE (select all that apply)

- Not specified
 Biopsy
 Intralesional excision
 Marginal resection
 Wide local resection
 Radical resection
 Amputation, *specify*

Other, *specify*

TUMOUR SITE

- Not specified
 Unknown primary site
 Bile duct
 Bladder/prostate
 Parameningeal
 Extremity
 Orbit
 Head and neck (excluding parameningeal), *specify*

Genitourinary (excluding bladder/prostate), *specify*

Other, *specify*

TUMOUR LATERALITY

- Left
 Right
 Not specified

TUMOUR DIMENSIONS

(Applicable for excision biopsies and resection specimens)

Greatest dimension mm

Additional dimensions mm x mm

Cannot be assessed, *specify*

BLOCK IDENTIFICATION KEY

(List overleaf or separately with an indication of the nature and origin of all tissue blocks)

HISTOLOGICAL TUMOUR TYPE (select all that apply) *(Value list based on the World Health Organization Classification of Paediatric Tumours (2023))*

- Embryonal rhabdomyosarcoma
 Alveolar rhabdomyosarcoma
 Pleomorphic rhabdomyosarcoma
 Spindle cell/sclerosing rhabdomyosarcoma
 Other, *specify*

ANAPLASIA *(Applicable for biopsy or post-treatment resection specimens)*

- Cannot be determined
 Not identified
 Present

- Focal
 Diffuse

OR

 % of cells
OTHER HISTOLOGICAL FEATURES 

- None identified
 Present, *specify*

TREATMENT EFFECT 

- No previous treatment
 No response
 Response

Microscopic viable tumour %**Rhabdomyoblastic differentiation**

- Not identified
 Present

 % differentiation
MARGIN STATUS *(Applicable for resection specimens only)*

- Cannot be assessed
 Not involved

Distance of tumour from closest margin mm

Specify closest margin(s) (<10 mm), if possible

- Involved

Specify margin(s), if possible

LYMPHOVASCULAR INVASION 

- Not identified
 Present

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

Location of involved lymph nodes, *specify*

ANCILLARY STUDIES 

- Not performed
 Performed

Immunohistochemistry

- Not performed
 MyoD1

- Negative
 Positive

 %

- Myogenin

- Negative
 Positive

 %

- Desmin

- Negative
 Positive

- Other, *specify test(s) and result(s)*

Gene fusion studies

- Not performed
 Pending
 No *FOXO1* rearrangement
 FOXO1 rearrangement present, fusion partner not known
 PAX3::FOXO1 gene fusion
 PAX7::FOXO1 gene fusion
 Other rearrangement/fusion, *specify*

ANCILLARY STUDIES continued **Molecular genetic studies**

- Not performed
- Pending
- MYOD1* L122R mutation
- VGLL2/NCOA2* gene fusions, *specify*

- EWSR1/FUS-TFCP2* gene fusion, *specify*

- TP53
- DICER1* mutation
- Other, *specify test(s) and result(s)*

Representative blocks for ancillary studies, specify those blocks best representing tumour and/or normal tissue for further study

HISTOLOGICALLY CONFIRMED DISTANT METASTASES 

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

PATHOLOGICAL STAGING^a 

(Applicable for resection specimens only)

Pathologic staging system used^b

- Children's Oncology Group (COG)
- TNM

Children's Oncology Group (COG) staging^c

- Stage I Requires all of the following to be true: Tumour involves favourable site (i.e., orbit, head and neck [excluding parameningeal] or genitourinary site [excluding bladder/prostate]), and; Tumour metastatic to distant site not identified
- Stage II Requires all of the following to be true: Tumour involves unfavourable site (i.e., bladder/prostate, extremity, parameningeal or other site not mentioned in stage I), and; Tumour size ≤5 cm, and; Tumour involvement of lymph nodes not identified, and; Tumour metastatic to distant site not identified
- Stage III Requires that one of the following be true: Tumour involves unfavourable site, is ≤5 cm, and involves regional lymph nodes, but distant metastases are not identified, or; Tumour involves unfavourable site and is >5 cm, with or without regional lymph node involvement, but distant metastases are not identified

TNM staging (UICC TNM 8th edition 2016)^d**TNM Descriptor** (only if applicable)

- y - post-therapy

Primary tumour (pT)

- pT0 No evidence of tumour found on histological examination of specimen
- pT1 Tumour limited to organ or tissue of origin
Excision complete and margins histologically free
- pT2 Tumour with invasion beyond the organ or tissue of origin
Excision complete and margins histologically free
- pT3 Tumour with or without invasion beyond the organ or tissue of origin
Excision incomplete
- pT3a Evidence of microscopic residual tumour
- pT3b Evidence of macroscopic residual tumour
- pT3c Adjacent malignant effusion regardless of size
- pTX^e Tumour status may not be assessed

Regional lymph nodes (pN)

- pN0 No evidence of tumour found on histological examination of regional lymph nodes
- pN1 Evidence of invasion of regional lymph nodes
- pN1a Evidence of invasion of regional lymph nodes
Involved nodes considered to be completely resected
- pN1b Evidence of invasion of regional lymph nodes
Involved nodes considered not to be completely resected
- pNX^{e,f} N status may not be assessed due to lack of pathological examination or inadequate information on pathological findings

^a Core for primary resection specimens (if using COG staging it is core if clinical information is available); non-core for post-treatment resection specimens.

^b Either COG or TNM can be used depending on local preference.

^c Reprinted from *Pediatr Blood Cancer.*, Volume 69(6), Crane JN, Xue W, Qumseya A, et al. Clinical group and modified TNM stage for rhabdomyosarcoma: A review from the Children's Oncology Group, 2022, with permission from Wiley.

^d Reproduced with permission. Source: *UICC TNM Classification of Malignant Tumours, 8th Edition*, eds by James D. Brierley, Mary K. Gospodarowicz, Christian Wittekind. 2016, Publisher Wiley (incorporating any errata published up until 25th January 2022).

^e pTX and pNX should be used only if absolutely necessary.

^f For evaluations pNX will be regarded as N0.