

Neoplasms of the Heart, Pericardium, and Great Vessels Histopathology Reporting Guide



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

OPERATIVE PROCEDURE

- Not specified
- Resection
- Endovascular biopsy
- Image guided percutaneous biopsy
- Explantation
- Other, *specify*

SPECIMEN INTEGRITY

(Applicable for resection and explant specimens only)

- Indeterminate
- Intact
- Disrupted, *describe*

TUMOUR SITE (select all that apply)

- Not specified
- Atrium
 - Left Right Laterality not specified
- Ventricle
 - Left Right Laterality not specified
- Endocardial
- Myocardial
- Epicardial
- Septum
- Free wall
- Parietal pericardium
- Valve, *specify*

Great vessel, *specify*

Other, *specify*

MAXIMUM DIMENSION OF PRIMARY TUMOUR

(Applicable for resection and explant specimens only)

mm

- Cannot be assessed

TUMOUR FOCALITY

- Indeterminate
- Unifocal
- Multifocal, *specify number of tumours in specimen and their locations*

BLOCK IDENTIFICATION KEY

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

HISTOLOGICAL TUMOUR TYPE

(Value list based on the World Health Organization Classification of Thoracic Tumours (2021))

Heart

BENIGN

- Papillary fibroelastoma
- Cardiac myxoma
- Cardiac fibroma
- Cardiac rhabdomyoma
- Adult cellular rhabdomyoma
- Cardiac lipoma
- Lipomatous hypertrophy of atrial septum
- Lipomatous hamartoma of atrioventricular valve
- Hamartoma of mature cardiac myocytes
- Mesenchymal cardiac hamartoma
- Cardiac haemangioma
 - Capillary
 - Arteriovenous
 - Cavernous
 - Venous
- Conduction system hamartoma
- Cystic tumour of atrioventricular node

MALIGNANT

- Cardiac angiosarcoma
- Cardiac leiomyosarcoma
- Cardiac undifferentiated pleomorphic sarcoma
- Other sarcoma, *specify*

TUMOURS OF UNCERTAIN BEHAVIOUR

- Inflammatory myofibroblastic tumour
- Paraganglioma

Pericardium

- Solitary fibrous tumour
- Mixed germ cell tumour
- Angiosarcoma
- Other, *specify*

▼

Great vessels

- Angiosarcoma
- Pulmonary artery intimal sarcoma
- Other, *specify*

▼

HISTOLOGICAL TUMOUR GRADE

(Applicable to sarcomas only)

- Cannot be graded
- Grade 1
- Grade 2
- Grade 3
- Ungraded sarcoma

Necrosis

- Cannot be assessed
- Not identified
- Present

Extent of necrosis %

Mitotic count

(most proliferative area) /mm²

EXTENT OF INVASION

- Cannot be assessed
- Intracardiac invasion
- Extracardiac invasion (i.e., into the great vessels or beyond the parietal pericardium), *specify structures*

▼

Intraluminal/intracavitary extension, *specify*

▼

MARGIN STATUS

(Applicable for resection and explant specimens only)

- Cannot be assessed
- Not involved
- Involved, *specify margin(s)*

▼

LYMPHOVASCULAR INVASION

(Applicable to solitary fibrous and germ cell tumours of the pericardium)

- Indeterminate
- Not identified
- Present



Method of evaluation

- Routine staining (H&E)
- Immunohistochemistry for lymphovascular endothelium, *specify*

▼

ANCILLARY STUDIES

- Not performed
- Performed (select all that apply)

▼ Immunohistochemistry, *specify test(s) and result(s)*

▼

Molecular pathology, *specify test(s) and result(s)*

▼

Cytogenetics, *specify test(s) and result(s)*

▼

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*

▼