**Neoplasms of the Heart, Pericardium, and Great Vessels**

**Histopathology Reporting Guide**

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<tr>
<th>Family/Last name</th>
<th>Gender</th>
<th>Date of birth</th>
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<th>Given name(s)</th>
<th>Date of request</th>
<th>Accession/Laboratory number</th>
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Elements in **black text** are REQUIRED. Elements in *grey text* are RECOMMENDED.

### TUMOUR SITE(S) (select all that apply)

- [ ] Right atrium
- [ ] Left atrium
- [ ] Right ventricle
- [ ] Left ventricle
- [ ] Ventricular septum
- [ ] Atrial septum
- [ ] Valve (specify)
- [ ] Great vessel (specify)
- [ ] Pericardium
- [ ] Other submitted specimens (specify)

- [ ] Not specified

### NEOADJUVANT THERAPY

- [ ] Information not provided
- [ ] Not administered
- [ ] Administered (describe)

### 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 FOCAILITY

- [ ] Indeterminate
- [ ] Unifocal
- [ ] Multifocal (specify the number of tumours in the specimen and their locations)

### MAXIMUM DIMENSION OF PRIMARY TUMOUR

(Applicable for resection and explant specimens only)

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<th>mm</th>
<th>Cannot be assessed</th>
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### BLOCK IDENTIFICATION KEY

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

### HISTOLOGICAL TUMOUR TYPE

(From the World Health Organization Classification of Tumours of the Lung, Pleura, Thymus and Heart. Fourth edition (2015))

#### Heart

**BENIGN**

- [ ] Rhabdomyoma
- [ ] Myxoma
- [ ] Papillary fibroelastoma
- [ ] Haemangioma
- [ ] Fibroma
- [ ] Cystic tumour of the atrioventricular node
- [ ] Other (specify)

**MALIGNANT**

- [ ] Angiosarcoma
- [ ] Undifferentiated pleomorphic sarcoma
- [ ] Myxofibrosarcoma
- [ ] Other (specify)

**TUMOURS OF UNCERTAIN BEHAVIOUR**

- [ ] Inflammatory myofibroblastic tumour
- [ ] Paraganglioma
### HISTOLOGICAL GRADE

(Applicable to sarcomas only)

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

### RESPONSE TO NEOADJUVANT THERAPY

- Cannot be assessed
- Not identified
- Present

  Residual viable tumour

### MARGIN STATUS

- Not applicable (biopsies 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

- Immunohistochemistry (List stains)
- Molecular pathology (List test(s))
- Cytogenetics (List test(s))
- Other (specify)

### EXTENT OF INVASION

- Cannot be assessed
- No involvement of adjacent tissue(s)
- Involvement of adjacent tissue(s) (specify tissues)

Other organ involvement (specify)

### NECROSIS

- Cannot be assessed
- Not identified
- Present

Extant of necrosis %

### NECROSIS

- Cannot be assessed
- Not identified
- Present

### MITOTIC COUNT

(most proliferative area)

/ mm²

### NEUROGENIC TUMOURS

- Solitary fibrous tumour
- Intimal sarcoma subtype
- Leiomyosarcoma
- Other (specify)