Mesothelioma in the Pleura and Peritoneum
RESECTION SPECIMENS Reporting Proforma

Includes the International Collaboration on Cancer Reporting dataset elements denoted by *

Family name

Given name(s)

Sex
☐ Male
☐ Female

Ethnicity
☐ Unknown
☐ Aboriginal/Torres Strait Islander
☐ Other ethnicity:

Date of birth

Date of request

Patient identifiers
e.g. MRN, IHI or NHI (please indicate which)

Date of request

Accession number

Requesting doctor - name and contact details

*CLINICAL HISTORY
☐ Radiological appearance

☐ History of previous cancer

☐ Other (describe)

*NEOADJUVANT THERAPY
☐ Not administered
☐ Administered (describe)

NEW PRIMARY CANCER OR RECURRENCE
☐ New primary
☐ Regional (local) recurrence
☐ Distant metastases

Details:

PRINCIPAL CLINICIAN

OTHER RELEVANT COMMENTS

Macroscopic findings

SPECIMEN LABELLED AS

*OPERATIVE PROCEDURE
☐ Not provided
☐ Decortication
☐ Radical pleurectomy
☐ Extrapleural pneumonectomy
☐ Debulking
☐ Other (specify)

Vers. 1.0 Proforma for Mesothelioma in the Pleura and Peritoneum- Resection Specimens Protocol 1st Edition
### S2.04  **SPECIMEN(S) SUBMITTED** (select all that apply)

<table>
<thead>
<tr>
<th>Category</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pleura/Thoracic</strong></td>
<td>Diaphragm, Lung, Right, Wedge, Lobe, Entire Lung, Left, Wedge, Lobe, Entire Lung</td>
</tr>
<tr>
<td><strong>Peritoneum</strong></td>
<td>Peritoneum, Omentum, Left ovary, Right ovary, Left fallopian tube, Right fallopian tube, Uterus, Other intra-abdominal organs (specify)</td>
</tr>
<tr>
<td><strong>Other submitted specimens</strong></td>
<td>Lymph nodes (specify site(s)), Other submitted specimens (specify)</td>
</tr>
<tr>
<td><strong>Other submitted specimens</strong></td>
<td>Peritoneum, Omentum, Left ovary, Right ovary, Left fallopian tube, Right fallopian tube, Uterus, Other intra-abdominal organs (specify)</td>
</tr>
</tbody>
</table>

### S2.05  **MACROSCOPIC TUMOUR SITE(S)** (select all that apply)

<table>
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<th>Category</th>
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</thead>
<tbody>
<tr>
<td><strong>Pleura/Thoracic</strong></td>
<td>Indeterminate, Diaphragm, Lung, Right, Wedge, Lobe, Entire Lung, Left, Wedge, Lobe, Entire Lung</td>
</tr>
<tr>
<td><strong>Peritoneum</strong></td>
<td>Indeterminate, Peritoneum, Omentum, Left ovary, Right ovary, Left fallopian tube, Right fallopian tube, Uterus, Other intra-abdominal organs (specify)</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>Lymph nodes, Other intra-abdominal organs (specify)</td>
</tr>
</tbody>
</table>

### G2.01  **TUMOUR SIZE**

#### Pleural specimens

- **MAXIMUM THICKNESS OF ANY MASS**
  - Indeterminate
  - mm

  **AND**

  **DIMENSIONS OF DOMINANT MASS**
  - mm x mm x mm
  - Indeterminate

#### Peritoneal specimens

- **DIMENSIONS OF DOMINANT MASS**
  - mm x mm x mm
  - Indeterminate

  **OR**

  **DIMENSIONS OF LARGEST NODULE**
  - mm x mm x mm
  - Indeterminate

### S2.06  **BLOCK IDENTIFICATION KEY**
**Microscopic findings**

**S3.01  HISTOLOGICAL TUMOUR TYPE**
- Epithelioid (Epithelial)
- Sarcomatoid (Sarcomatous)
- Biphasic (Mixed epithelial & sarcomatous)
- Malignant mesothelioma, NOS

**G3.01  MITOTIC COUNT**
(Applicable to peritoneal specimens only)

\[
\text{/mm}^2
\]

**G3.02  RESPONSE TO NEOADJUVANT THERAPY**
- Not applicable
- Cannot be determined
- Greater than 50% residual tumour
- Less than 50% residual tumour
- No tumour found

**S3.02  EXTENT OF DIRECT INVASION**
- Cannot be assessed
- No evidence of primary tumour
- Parietal pleura without involvement of the ipsilateral visceral pleura
- Parietal pleura with focal involvement of the ipsilateral visceral pleura
- Endothoracic fascia (as determined by surgeon/radiologist)
- Mediastinal fat
- Localised focus of tumour invading the soft tissue of the chest wall
- Diffuse or multiple foci invading soft tissue of chest wall
- Through the pericardium or diaphragm
- Into but not through the pericardium or diaphragm
- Rib(s)
- Peritoneum through the diaphragm
- Great vessels/oesophagus/trachea or other mediastinal organ
- Extension into contralateral pleura
- Spine
- Myocardium
- Confluent visceral and parietal pleural tumour (including fissure)
- Mediastinal organ(s) (specify)
- Other (specify)

**S3.03  MARGIN STATUS**
(Applicable to extrapleural pneumonectomy specimens only)
- Not applicable
- Cannot be assessed
- Not involved
- Involved (specify margin(s) if possible)

**S3.04  LYMPH NODE STATUS**
- No nodes submitted or found
- Cannot be assessed

\* Lymph node station/location or specimen identification

\( / \)

\* Not involved
\* Involved

**G3.03  Number of positive nodes**

\( / \)

\* Not involved
\* Involved

**G3.04  COEXISTENT PATHOLOGY**
- None identified, or ...
**Ancillary test findings**

G4.01 *ANCILLARY TESTS*
- Not performed
- Performed

S4.01 *IMMUNOHISTOCHEMISTRY* (List stains)

G4.02 *OTHER ANCILLARY STUDIES*

**Synthesis and overview**

S5.01 *PATHOLOGICAL STAGING (TNM 7TH EDITION)* (pleural specimens only
Refer adjacent table)

- *Suffices*
- *Primary tumour (T)*
- *Regional lymph nodes (N)*

S5.02 YEAR OF PUBLICATION AND EDITION OF CANCER STAGING SYSTEM

G5.01 DIAGNOSTIC SUMMARY
Include: Operative procedure; Tumour site; Tumour type.

S5.03 OVERARCHING COMMENT

**PATHOLOGICAL STAGING (TNM 7th edition)##**

**PLEURAL SPECIMENS**
m - multiple primary tumours at a single site
r - recurrent tumours after a disease free period
y - classification is performed during or following multimodality treatment

**T - Primary tumour**

TX Primary tumour cannot be assessed
T0 No evidence of primary tumour
T1 Tumour involves ipsilateral parietal pleura, with or without focal involvement of visceral pleura
T1a Tumour involves ipsilateral parietal (mediastinal, diaphragmatic) pleura. No involvement of the visceral pleura
T1b Tumour involves ipsilateral parietal (mediastinal, diaphragmatic) pleura, with focal involvement of the visceral pleura
T2 Tumour involves any of the ipsilateral pleural surfaces with at least one of the following:
  - Confluent visceral pleura tumour (including the fissure)
  - Invasion of diaphragmatic muscle
  - Invasion of lung parenchyma
T3* Tumour involves any ipsilateral pleural surfaces with at least one of the following:
  - Invasion of endothoracic fascia
  - Invasion of mediastinal fat
  - Solitary focus of tumour invading soft tissues of the chest wall
  - Non-transmural involvement of the pericardium
T4** Tumour involves any ipsilateral pleural surfaces with at least one of the following:
  - Diffuse or multifocal invasion of soft tissues of chest wall
  - Any involvement of rib
  - Invasion through diaphragm to peritoneum
  - Invasion of any mediastinal organ(s)
  - Direct extension to contralateral pleura
  - Invasion into the spine
  - Extension to internal surface of pericardium
  - Pericardial effusion with positive cytology
  - Invasion of myocardium
  - Invasion of brachial plexus

* T3 describes locally advanced, but potentially resectable tumour.
** T4 describes locally advanced, technically unresectable tumour.

**N - Regional lymph nodes**

NX Regional lymph nodes cannot be assessed
N0 No regional lymph node metastases
N1 Metastasis in ipsilateral bronchopulmonary and/or hilar lymph node(s)
N2 Metastasis in subcarinal lymph node(s) and/or ipsilateral internal mammary or mediastinal lymph node(s)
N3 Metastasis in contralateral mediastinal, internal mammary, or hilar node(s) and/or ipsilateral or contralateral supraclavicular or scalene lymph node(s)