# Appendix F Reporting proforma for mesothelioma resection specimens in list format

|  |  |  |  |
| --- | --- | --- | --- |
| Element name | Values | Implementation notes | COSD v9 |
| Previous treatment (neoadjuvant chemotherapy/radiotherapy) | Single selection value list:* Yes
* No
 |  |  |
| Laterality | Single selection value list:* Left
* Right
* Not stated
 |  | pCR0820* Right = R
* Left = L
* Not stated = 9
 |
| Specimen type | Single selection value list:* Decortication
* Radical pleurectomy
* Local chest wall/pleural resection
* Extrapleuropneumo-nectomy
* Debulking
 |  | pCR0760* Decortication = EX
* Radical pleurectomy = RE
* Local chest wall/pleural resection = EX
* Extrapleuropneumo-nectomy = RE
* Debulking = 99
 |
| Submitted material, parietal pleura | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, diaphragm | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, lung | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, mediastinal fat | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, pericardium | Single selection value list:YesNo |  |  |
| Submitted material, peritoneum | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, contralateral pleura | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, visceral pleura | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, endothoracic fascia | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, endothoracic fascia, details | Free text | Only applicable if ‘Submitted material, endothoracic fascia’ is Yes |  |
| Submitted material, chest wall | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, rib | Single selection value list:* Yes
* No
 |  |  |
| Submitted material, rib, details | Free text | Only applicable if ‘Submitted material, rib’ is Yes |  |
| Submitted material, spine | Single selection value list:* Yes
* No
 |  |  |
| Histological type of mesothelioma | Single selection value list:* Mesotheliomain situ
* Localised mesothelioma
* Diffuse mesothelioma
 |  |  |
| Histologic subtype of mesothelioma | Single selection value list:* Epithelioid
* Biphasic
* Sarcomatoid
 |  |  |
| Grade of mesothelioma | Single selection value list:* Low
* High
 |  | pCR0860* Low = G1
* High = G4
 |
| Histological variants of mesothelioma | Multiple selection value list:* Architectural patterns
* Tubulopapillary
* Trabecular
* Adenomatoid
* Solid
* Micropapillary

Cytological features * Rhabdoid
* Deciduoid
* Small cell
* Clear cell
* Signet ring

 * Lymphohistiocytoid
* Pleomorphic
* Transitional

Stromal features * Desmoplastic
* Myxoid
* Heterologous differentiation
 | Document percentages for architectural patterns  |  |
| Tumour size (if localised) | Size in mm |  | pCR0830 |
| D-PAS mucin staining | Single selection value list:* Positive
* Negative
 |  |  |
| Alcian blue mucin staining | Single selection value list:* Positive
* Negative
 |  |  |
| Calretinin | Single selection value list:* Positive
* Negative
 |  |  |
| Cytokeratin 5/6 | Single selection value list:* Positive
* Negative
 |  |  |
| WT-1 | Single selection value list:* Positive
* Negative
 |  |  |
| BerEP4 | Single selection value list:* Positive
* Negative
 |  |  |
| CEA | Single selection value list:* Positive
* Negative
 |  |  |
| Other immunohistochemistry | Free text |  |  |
| Other immunohistochemistry result | Single selection value list:* Positive
* Negative
* Not applicable
 | Not applicable if ‘Other immuno-histochemistry’ is blank |  |
| Tumour limited to ipsilateral parietal ± visceral ± mediastinal ± diaphragmatic pleura | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Tumour involving all ipsilateral pleural surfaces (parietal, mediastinal, diaphragmatic, visceral)  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Involvement of diaphragmatic muscle | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Extension of tumour from visceral pleura into the underlying pulmonary parenchyma  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Involvement of endothoracic fascia  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Extension into mediastinal fat | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Solitary, completely resectable focus of tumour extending into the soft tissues of the chest wall  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Non-transmural involvement of the pericardium  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Diffuse or multiple foci of the tumour invading the soft tissue of the chest wall ± rib destruction  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Direct trans-diaphragmatic extension of tumour to the peritoneum | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Direct extension of tumour to mediastinal organs (great vessels/oesophagus/trachea/other)  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Direct extension of tumour to the contralateral pleura | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Direct extension of tumour into the spine | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Tumour extending through to the internal surface of the pericardium ± pericardial effusion | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Direct invasion of the myocardium  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Ipsilateral bronchopulmonary, hilar or mediastinal (including the internal mammary, peridiaphragmatic, pericardial fat pad or intercostal lymph nodes) lymph nodes | Single selection value list:* Not submitted
* Submitted
* Involved
 |  |  |
| Contralateral bronchopulmonary, hilar or mediastinal lymph nodes or ipsilateral or contralateral supraclavicular lymph nodes  | Single selection value list:* Not submitted
* Submitted
* Involved
 |  |  |
| If neoadjuvant therapy, % of viable tumour on cross-section | Number (range 0–100) |  |  |
| Excision complete (R0) | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Macroscopic involvement (R2)  | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Sites of involvement if R1 or R2 | Single selection value list:* Yes
* No
* Not applicable
 | Only applicable if ‘Microscopic involvement (R1)’ is Yes or ‘Macroscopic involvement (R2)’ is Yes |  |
| Closest excision margin | Free text | Only applicable if ‘Excision complete (R0)’ is Yes |  |
| Closest excision margin, distance | Distance in mm | Only applicable if ‘Excision complete (R0)’ is Yes |  |
| Sites of incomplete resection | Free text |  |  |
| Metastases | Single selection value list:* Unknown
* Absent (M0)
* Present (M1)
 |  |  |
| Metastases, details | Free text | Only applicable if ‘Metastases is Present (M1)’ |  |
| Background lung, asbestos bodies | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| Background lung, asbestosis | Single selection value list:* Yes
* No
* Not applicable
 |  |  |
| pT stage | Single selection value list:* X
* 0
* 1
* 2
* 3
* 4
 |  | pCR0910 |
| pN stage | Single selection value list:* X
* 0
* 1
* 2
 |  | pCR0920 |
| M stage | Single selection value list:* Unknown
* M0
* M1
 |  | pCR0930 |
| TNM edition | Single selection value list:* UICC edition 7
* UICC edition 8
 |  | pCR6820 |
| Comments | Free text |  |  |
| SNOMED-T code | May have multiple codes. Look up from SNOMED tables. |  | pCR6410 |
| SNOMED-M code | May have multiple codes. Look up from SNOMED tables. |  | pCR6420 |