**Cellular pathology audit template**

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| **Date of completion** | (To be inserted when completed) |
| **Name of lead author/ participants** | (To be inserted) |
| **Specialty** | Lung pathology |
| **Title** | An audit of reporting mesotheliomas |
| **Background** | Datasets published by the Royal College of Pathologists define the core data items that are to be included in the histopathology reports of different cancers to ensure that all necessary data is provided.  The *Dataset for histopathological reporting of mesothelioma*, published in March 2024, states data items for reporting these tumours in both biopsies and resection specimens.1 It specifies the core data items that should be included in all reports. |
| **Aim & objectives** | This audit template is a tool to determine whether:   * individual pathologists and/or departments are recording all core data items * additional or alternative data are being collected. |
| **Standards & criteria** | **Criteria range:**  The Royal College of Pathologists mandates that 95% of reports shall contain structured data (Key performance indicator 5.2).2 Whether the report is structured or not, it should contain 100% of the core data items, or if not achieved, there is documentation in the case notes that explains the variance.  **The agreed standards:**  Each core data item in the dataset is included in histopathology reports (100% compliance).  **Additional standards:**  Inclusion of optional additional data that might be collected, including non-core data items. |
| **Method** | **Sample selection:** (To be completed by the author)   * All cases diagnosed as mesotheliomas from a specified time period. * Review of histopathological reports. * Record whether or not data items are included.   **Data to be collected on proforma (see below).** |
| **Results** | (To be completed by the author)  The results of this audit show the following compliance with the standards.   |  |  | | --- | --- | | **Core data items** | **% compliance** | | Documentation of laterality |  | | Documentation of specimen type(s) |  | | Histological type recorded |  | | Histological subtype recorded |  | | Histological variants recorded |  | | If epithelioid, documentation of grade |  | | Ancillary investigations documented |  | | For extended pleural decortications and extrapleural pneumonectomies, documentation of pathological staging |  |   **Commentary:** |
| **Conclusion** | (To be completed by the author) |
| **Recommend- ations for improvement** | Present the result with recommendations, actions and responsibilities for action and a timescale for implementation. Assign a person/s responsible to do the work within a timeframe.  **Some suggestions:**   * highlight areas of practice that are different * present findings. |
| **Action plan** | (To be completed by the author – see attached action plan proforma) |
| **Re-audit date** | (To be completed by the author) |
| **Reference** | 1. Royal College of Pathologists. *Dataset for the histopathological reporting of mesothelioma (4th edition).* Accessed March 2024. Available at: [www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html](http://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html) 2. Royal College of Pathologists. *Key performance indicators – proposals for implementation*. Accessed March 2024. Available at: <https://www.rcpath.org/profession/guidelines/kpis-for-laboratory-services.html> |

**Data collection proforma for reporting mesotheliomas**

**Audit reviewing practice**

Patient name:

Hospital number:

Date of birth:

Consultant:

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|  | **1**  **Yes** | **2**  **No** | **3**  If no, was there documentation to explain the variance?  **Yes/No** plus free-text comment | **4**  Compliant with guideline based on ‘Yes’ from column 1 or an appropriate explanation from column 3. **Yes/No** |
| Documentation of laterality |  |  |  |  |
| Documentation of specimen type(s) |  |  |  |  |
| Histological type recorded |  |  |  |  |
| Histological subtype recorded |  |  |  |  |
| Histological variants recorded |  |  |  |  |
| If epithelioid, documentation of grade |  |  |  |  |
| Ancillary investigations documented |  |  |  |  |
| For extended pleural decortications and extrapleural pneumonectomies, documentation of pathological staging |  |  |  |  |

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| **Audit action plan**  An audit of reporting mesotheliomas | | | | | | |
| Audit recommendation | Objective | Action | Timescale | Barriers and constraints | Outcome | Monitoring |
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