## 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 | Neuropathology |
| Title | **Audit of reporting of central nervous system tumours in adults, including the pituitary gland** |
| Background | Datasets published by the Royal College of Pathologists define the core data items that should be included in histopathology reports to ensure all necessary data is provided.  In 2024, the College’s *Dataset for histopathological reporting of tumours of the central nervous system in adults, including the pituitary gland* was published, which lists and discusses the data items to be included when reporting anal biopsy specimens.1 |
| Aim & objectives | This audit template is a tool to determine whether reporting of adult central nervous system (CNS) and pituitary tumours meets with standards as outlined in the RCPath document |
| Standards & criteria | **Criteria range:** 100%, or if not achieved, there is documentation in the case notes that explains the variance.   1. Core data items are included in reports – as detailed in COSD and this dataset and relevant to tumour type. 2. Turnaround times and local targets are met. |
| Method | **Sample selection:** (To be completed by the author)  All cases of … within the time period from … to …  All adult CNS tumour types/specific tumour type (state……… e.g. meningioma/PNET) audited  Specimen received and date report authorised.  **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.   |  |  | | --- | --- | | **Data items** | % compliance | | **Clinical information on pathology report:**  Name  Sex  Age/DoB  NHS number  Hospital number  Lab number  Date of surgery  Receipt of sample  Surgeon  Date of report  Pathologist  Tumour location/side  Neuroimaging features  Previous diagnosis and/or  Previous treatment  Type of procedure: biopsy/ lobectomy, etc. |  | | Intraoperative smear reporting times / report included in main histology report  Archiving of frozen samples |  | | **Macroscopic report includes**  Colour/consistency  Dimensions or weight  Number of samples |  | | **Histology report**  Adequacy of specimen for diagnosis  Histological description (see dataset for tumour type/WHO 2021 for entities)  Histological grade as appropriate (CNS WHO classification)  Relationship to other tissues/invasion (for some tumour types, e.g. meningioma)  SNOMED code  Integrated final diagnosis (see ICCR dataset) |  | | Reporting turnaround times for histology report |  | | Reported turnaround time for molecular report / integrated diagnosis |  |   **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 histopathological reporting of tumours of the central nervous system in adults, including the pituitary gland.* Accessed October 2024. Available at: [https://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html#](https://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html) |

## Data collection proforma for reporting of central nervous system tumours in adults, including the pituitary gland

## Audit reviewing practice

Patient name:

Hospital number:

Date of birth:

Consultant:

Case number:

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| **Standards** | **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** |
| **Clinical information on pathology report:**  Name  Sex  Age/DoB  NHS number  Hospital number  Lab number  Date of surgery  Receipt of sample  Surgeon  Date of report  Pathologist  Tumour location/side  Neuroimaging features  Previous diagnosis and/or  Previous treatment  Type of procedure: biopsy/lobectomy etc. |  |  |  |  |
| Intraoperative smear reporting times/report included in main histology report  Archiving of frozen samples |  |  |  |  |
| **Macroscopic report includes**  Colour/consistency  Dimensions or weight  Number of samples |  |  |  |  |
| **Histology report**  Adequacy of specimen for diagnosis  Histological description (see dataset for tumour type/WHO 2021 for entities)  Histological grade as appropriate (CNS WHO classification)  Relationship to other tissues/invasion (for some tumour types, e.g. meningioma)  SNOMED code  Integrated final diagnosis (see ICCR dataset) |  |  |  |  |
| Reporting turnaround times for histology report |  |  |  |  |
| Reported turnaround time for molecular report/integrated diagnosis |  |  |  |  |

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| **Audit action plan**  Audit of reporting of central nervous system tumours in adults, including the pituitary gland | | | | | | |
| Audit recommendation | Objective | Action | Timescale | Barriers and constraints | Outcome | Monitoring |
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