## 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 | Cellular pathology/ophthalmic |
| Title | **An audit of retinoblastoma reporting in enucleation specimens** |
| Background | The College dataset for retinoblastoma defines the core and non-core items to be included in the histology reports.1 |
| Aim & objectives | This audit template is a tool to determine whether:  the core items defined in the College dataset for the reporting of retinoblastoma are included in histology reports. |
| Standards & criteria | **Criteria range:** 100% or, if not achieved, there is documentation in the case notes that explains the variance.  **The agreed standards:** each data item stated in the dataset for inclusion in histology reports. |
| Method | **Sample selection:**  Retrospective selection of all cases for a specified time period.  Review of retinoblastoma histology reports on lab information systems.  Record whether or not data items are/are not being included in each report.  **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.   |  |  | | --- | --- | |  | % compliance | | **Macroscopic** | | | Specimen type: enucleation, partial exenterations, complete exenterations, other |  | | Laterality |  | | Number of tumour foci (if assessable) |  | | Site of tumour, clock hours |  | | Ocular structures involved: anterior chamber  iris  angle  ciliary body  vitreous  optic disc  choroid  sclera  extraocular spread/orbit  cannot be assessed |  | | **Histology** | | | Retinoblastoma/retinocytoma present |  | | Anterior chamber/iris/trabecular meshwork/ Schlemm’s canal invasion |  | | Focal choroidal invasion |  | | Massive choroidal invasion |  | | Intrascleral invasion |  | | Invasion into or around emissary vessels |  | | Extrascleral/orbit invasion |  | | Number of tumour foci (if assessable) |  | | Degree of optic nerve invasion (if present) |  | | Optic nerve resection margin status |  | | Involvement of meningeal space |  | | Involvement of resection margins |  | | Pathological staging (pT pN pM – TNM 8th edition) |  | | **SNOMED** | | | SNOMED codes |  |   **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. The Royal College of Pathologists. *Dataset for histopathological reporting of ocular retinoblastoma*. Accessed February 2025. Available at: [www.rcpath.org/profession/publications/cancer-datasets.html](http://www.rcpath.org/profession/publications/cancer-datasets.html) |

## Data collection proforma for retinoblastoma reporting in enucleation specimens

## Audit reviewing turnaround times

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** |
| **Macroscopic** | | | | |
| Specimen type: enucleation, partial exenterations, complete exenterations, other |  |  |  |  |
| Laterality |  |  |  |  |
| Number of tumour foci (if assessable) |  |  |  |  |
| Site of tumour, clock hours |  |  |  |  |
| Ocular structures involved: anterior chamber  iris  angle  ciliary body  vitreous  optic disc  choroid  sclera  extraocular spread/orbit  cannot be assessed |  |  |  |  |
| **Histology** | | | | |
| Retinoblastoma/retinocytoma present |  |  |  |  |
| Anterior chamber/iris/trabecular meshwork/Schlemm’s canal invasion |  |  |  |  |
| Focal choroidal invasion |  |  |  |  |
| Massive choroidal invasion |  |  |  |  |
| Intrascleral invasion |  |  |  |  |
| Invasion into or around emissary vessels |  |  |  |  |
| Extrascleral/orbit invasion |  |  |  |  |
| Number of tumour foci (if assessable) |  |  |  |  |
| Degree of optic nerve invasion (if present) |  |  |  |  |
| Optic nerve resection margin status |  |  |  |  |
| Involvement of meningeal space |  |  |  |  |
| Involvement of resection margins |  |  |  |  |
| Pathological staging (pT pN pM – TNM 8th edition) |  |  |  |  |
| **SNOMED** | | | | |
| SNOMED codes |  |  |  |  |

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| **Audit action plan**  An audit of retinoblastoma reporting in enucleation specimens | | | | | | |
| Audit recommendation | Objective | Action | Timescale | Barriers and constraints | Outcome | Monitoring |
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