## 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 | Cellar pathology/ear, nose and throat (ENT) |
| Title | **An audit of histopathological reporting of carcinomas of the larynx, hypopharynx and trachea** |
| Background | The histopathological examination of carcinomas of the larynx, hypopharynx and trachea specimens can play a vital role in the management of carcinomas. In 2023, the *Dataset for the histopathological reporting of carcinomas of the larynx, hypopharynx and trachea*1 was published, which states the data items to be included when reporting resection specimens of the carcinomas. |
| Aim & objectives | To determine whether the histopathological reports of carcinomas of the larynx, hypopharynx and trachea meet the reasonable requirements of users:  the core data items in the dataset are included in histology reports   * reports are produced in a timely manner * Where more than one consultant reports these cases, there is an ensured degree of consistency in reporting of data items. |
| Standards & criteria | **Criteria range:** 100%, or if not achieved, there is documentation in the case notes that explains the variance.  Each core data item stated in the dataset for inclusion in histology reports of larynx, hypopharynx and trachea should be present in the final pathology report. |
| Method | **Sample selection:** (To be completed by the author)   * retrospective selection of all cases for a specified time period * review of histology resection reports * record whether the core data items are/are not included * record turnaround time for reports (calendar days).   Analyse results for:   * all consultants reporting oropharynx and nasopharynx cancer cases * individual consultants.   **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 | | Operative procedure |  | | Specimens submitted |  | | Specimen dimensions |  | | Tumour site |  | | Tumour laterality |  | | Histopathological tumour type |  | | Histopathological tumour grade |  | | Extent of invasion |  | | Perineural invasion |  | | Lymphovascular invasion |  | | Margin status: invasive carcinoma |  | | Margin status: in-situ carcinoma/high grade dysplasia |  | | 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) |
| References | 1. Conn B, Sandison A, Howett C. *Dataset for the histopathological reporting of carcinomas of the larynx, hypopharynx and trachea (2nd edition)*. London, UK: The Royal College of Pathologists, 2023. 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) |

## Data collection proforma for the audit of histopathological reporting of carcinomas of the larynx, hypopharynx and trachea

## Audit reviewing practice

Patient name:

Hospital number:

Date of birth:

Consultant:

Case number:

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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** |
| **1** Operative procedure |  |  |  |  |
| **2** Specimens submitted |  |  |  |  |
| **3** Specimen dimensions |  |  |  |  |
| **4** Tumour site |  |  |  |  |
| **5** Tumour laterality |  |  |  |  |
| **6** Tumour dimensions |  |  |  |  |
| **7** Histological tumour type |  |  |  |  |
| **8** Histological tumour grade |  |  |  |  |
| **9** Extent of invasion |  |  |  |  |
| **10** Perineural invasion |  |  |  |  |
| **11** Lymphovascular invasion |  |  |  |  |
| **12** Margin status: invasive carcinoma |  |  |  |  |
| **13** Margin status: in-situ carcinomas/high grade dysplasia |  |  |  |  |
| **14** Pathological staging |  |  |  |  |

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| **Audit action plan**  An audit of histopathological reporting of carcinomas of the larynx, hypopharynx and trachea. | | | | | | |
| Audit recommendation | Objective | Action | Timescale | Barriers and constraints | Outcome | Monitoring |
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