## 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 | Urological |
| Title | **An audit of quality of histopathology reporting of transurethral resection of prostate specimens** |
| 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 Royal College of Pathologists’ *Tissue pathways for urological pathology* was published, which lists and discusses the data items to be included when reporting urological biopsy specimens.1 This publication provides detailed guidance to pathologists, ensuring uniformity and completeness in the histopathological evaluation of urological tissues, such as those obtained from transurethral resection of the prostate (TURP) procedures. |
| Aim & objectives | To evaluate the effectiveness of current arrangements in facilitating the reporting of cancer cases and to assess compliance with the RCPath guidelines in a series of reported TURP specimens.  Determine whether appropriate arrangements are in place to enable the accurate and timely reporting of cancer cases detected in TURP specimens.  To adhere to the RCPath dataset by reviewing reported TURP cases to ensure consistency and completeness in histopathological reporting. |
| Standards & criteria | **Criteria range:** 100% or, if not achieved, there is documentation that explains the variance.  **Implementation of guidelines:** 100% of histopathology reports for TURP specimens adhere to the *Tissue pathways for urological pathology*1 and the *Dataset for histopathology reports for prostatic carcinoma*2 as defined by the RCPath.  **Turnaround times standard:** 80% of cases must be reported within 7 calendar days and 90% within 10 calendar days as recommended by the RCPath.3  **OR**  within locally agreed turnaround times, if appropriate. |
| Method | **Sample selection:** (To be completed by the author)  Specimen request forms and finalised reports on TURP specimens received within the time period from … to … over (e.g. period of 6 months) to be reviewed and compliance with the standards in tissue pathways for urological pathology of the Royal College of Pathologists.1,3  **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 | | Indication for TURP mentioned. |  | | PSA levels mentioned? |  | | Weight measured? |  | | % of tissue embedded (or number of cassettes) |  | | Immunohistochemistry required? |  | | % malignant? |  | | Note the absence of invasive prostatic adenocarcinoma, or PIN. If tumour present, were core data items required by the RCPath prostate cancer dataset reported? |  | | Note if any urothelial abnormality present |  | | Turnaround times |  |   **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 * any deficiencies should be identified (e.g. in providing PSA and recording weight) * awareness on complete clinical, radiology and serological findings is important for accurate histopathology reporting and the importance of providing such information should be emphasised * 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. Royal College of Pathologists. *Tissue pathways for urological pathology*. Available at:  https://www.rcpath.org/profession/guidelines/cancer-datasets-and-tissue-pathways.html# 2. Royal College of Pathologists*. Dataset for histopathology reports for prostatic carcinoma*. 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) 3. Royal College of Pathologists. *Key performance indicators – proposals for implementation*. Available at: <https://www.rcpath.org/profession/guidelines/kpis-for-laboratory-services.html> |

## Data collection proforma for transurethral resection of prostate specimens

## 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** |
| Indication for TURP mentioned. |  |  |  |  |
| PSA levels mentioned? |  |  |  |  |
| Weight measured? |  |  |  |  |
| % of tissue embedded (or number of cassettes) |  |  |  |  |
| Immunohistochemistry required? |  |  |  |  |
| % malignant? |  |  |  |  |
| Note the absence of invasive prostatic adenocarcinoma, or PIN. If tumour present, were core data items required by the RCPath prostate cancer dataset reported? |  |  |  |  |
| Note if any urothelial abnormality present |  |  |  |  |
| Turnaround times? |  |  |  |  |

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| **Audit action plan**  An audit of quality of histopathology reporting of transurethral resection of prostate specimens | | | | | | |
| Audit recommendation | Objective | Action | Timescale | Barriers and constraints | Outcome | Monitoring |
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