

## Guidance Document for Entry Level Grossing (Macroscopic Description)

Knowledge & Critical Thinking:	Application:	Documentation:
<ul style="list-style-type: none"> <li>• Recognize the unique relevance of data collection and specimen collection and pre-analytic handling (Category 2 of General MLT and Diagnostic Cytology Competency Profiles)</li> <li>• Recognize relevant clinical history</li> <li>• Distinguish tissue and non-tissue elements</li> <li>• Verify specimen contents to labelling and requisition</li> <li>• Correlate general anatomy and physiology to specimen type</li> <li>• Identify *simple biopsy types macroscopically</li> <li>• Understand and document fixation techniques and ischemic times</li> <li>• Understand the impact of specimen procurement method on samples</li> <li>• Recognize need for ancillary testing when indicated</li> <li>• Recognize unusual findings and follow appropriate protocols</li> </ul>	<ul style="list-style-type: none"> <li>• Assess adequacy of positive patient identification (PPI) and specimen tracking</li> <li>• Provide macroscopic description (count, weigh, measure and describe)</li> <li>• Identify specimen adequacy for processing</li> <li>• Prepare specimen for ancillary testing where required while maintaining specimen integrity (e.g. EM, flow cytometry and molecular testing, biobanking)</li> <li>• Recognize and execute requirements for ischemic time, fixation, processing and embedding (e.g. inform appropriate personnel if a specimen needs opening or slicing; cutting for the size of the cassette that will not interfere with specimen integrity, need for decalcification)</li> <li>• Ensure appropriate embedding orientation</li> <li>• Adhere to measures in place to minimize risk of cross contamination</li> </ul>	<ul style="list-style-type: none"> <li>• Document specimen identification</li> <li>• Document status of specimen at receipt</li> <li>• Document specimen receipt issues/integrity issues</li> <li>• Document ancillary sampling</li> <li>• Document macroscopic description and any modifications made to the sample</li> <li>• Document tissue placement into correspondingly labelled cassette</li> <li>• Document non-human material (e.g. IUD, breast implants, pins, screws)</li> </ul>

\* Simple Biopsy: Structures with lumens removed for identification (e.g. fallopian tubes, *vasa deferentia*, needle core and mucosal bite biopsies)