

Peripheral Nerve Biopsy

(9.4 Peripheral_Nerve_Biopsy); Created October 14th, 2019 by Jeremy Deisch, MD

SAMPLE DICTATION

(Labeled: ____, ____, ____; ____) Received ____ is a _ x _ x _ cm segment of peripheral nerve. A portion of the specimen has been previously placed in glutaraldehyde and submitted to the electron microscopy laboratory for nerve tease and ultrastructural analysis.

Major pathologic finding(s): N/A

Other findings: N/A

Specimen Handling: (TE, 1 cap)

SUGGESTED SAMPLING

1: Entire specimen

STAGING CRITERIA (AJCC 8TH EDITION)

- N/A

ADDITIONAL CONSIDERATIONS

- The peripheral nerve biopsy is triaged by electron microscopy lab staff into three portions:
 - Linear segment in glutaraldehyde for nerve tease preparation
 - Several small cross section in glutaraldehyde for electron microscopy
 - Remainder of specimen (linear segment) in formalin for routine histology and staining
- **Submit the portion received in formalin in-toto (do not cut!).** Write “nerve” on the side of the cap, and also add it in the “# of fragments” column in PTOE. After processing, histology staff will cut both cross and longitudinal sections - sectioning is much easier after processing.