

Parathyroid

(2.2 Parathyroid); Created April 26th, 2019 Mia C. Perez, MD; updated January 26th, 2020 by Jeremy Deisch, MD

SAMPLE DICTATION

(Labeled: ____, ____, ____) Received [fresh/in formalin] is a _ milligram, __ x __ x __ cm tan/tan-red ovoid parathyroid gland

Major pathologic finding(s): [multinodularity/ fibrosis/hemorrhage]

Other findings: [Attached soft tissue/thyroid/lymph node]

Specimen Handling: (TE/RS, ____ caps)

SUGGESTED SAMPLING

1-2: Entire Specimen

3: Attached tissue

STAGING CRITERIA (AJCC 8TH EDITION)

For parathyroid carcinoma...

- pT1 - confined to parathyroid or minimal soft tissue involvement
- pT2 - into thyroid
- pT3- into recurrent laryngeal nerve, esophagus, trachea
- pT4 - major blood vessel, spine
- N1a - positive central node
- N1b - positive ipsilateral neck node

ADDITIONAL CONSIDERATIONS

- Serially section perpendicular to long axis (rather than bivalving along longest axis) to increase the yield of peripheral gland if a parathyroid adenoma
- Usually TE unless unusually large, then representative sections (with at least one full cross section)
- If unusually firm, infiltrative, and/or shows an irregular fibrotic surface (likely atypical adenoma or carcinoma, ink outer surface to allow determination of margin status)