

# Laryngectomy, Tumor

(7.1 Laryngectomy); Updated April 26th, 2019 by Mia C. Perez, MD

## SAMPLE DICTATION

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(Labeled: \_\_\_\_, \_\_\_\_, \_\_\_\_; \_\_\_\_ ) Received (fresh/formalin) is a \_\_ (superior - inferior axis) x \_\_ (medial - lateral axis) x \_\_ (anterior-posterior axis) cm (supraglottic/ vertical hemithyroidectomy/total laryngectomy) specimen including \_\_ cm long trachea/ \_\_ x \_\_ x \_\_ strap muscles/ \_\_ x \_\_ x \_\_ thyroid / \_\_ x \_\_ x \_\_ cm (right/left neck dissection).

Major pathologic finding(s): There is a \_\_ x \_\_ x \_\_ cm (exophytic/flat /ulcerated) (firm/rubbery/soft) (white/tan/red) (solid/ homogenous/ heterogenous/hemorrhagic/necrotic) mass present in (left/right/midline) (epiglottic/aryepiglottic fold- AEF/false vocal cord- FVC/ventricle/true vocal cord- TVC/anterior commissure/posterior commissure/subglottis). The mass is \_\_ cm from soft mucosal/anterior soft tissue/inferior tracheal) margin. .The mass (does/does not) extend into (supraglottis/ paraglottis/subglottis/ thyroid cartilage/ tissue outside of larynx)

Other findings: Uninvolved mucosa is (tan pink/smooth/erythematous/granular)

Specimen Handling: (RS / TE, margins inked black/blue/green, \_\_\_\_ caps)

## SUGGESTED SAMPLING

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- 1: Anterior mucosal and soft tissue margin (perpendicular)
- 2: Posterior/cricoid and soft tissue margin (perpendicular)
- 3: Right lateral mucosal and soft tissue margin (perpendicular)
- 4: Left lateral mucosal and soft tissue margin (perpendicular)
- 5: Inferior tracheal margin (shave)
- 6-8: Tumor including at deepest (taken along vertical axis) with relation to supraglottis/glottis/subglottis/paraglottis/thyroid cartilage)
- 9-10: Background mucosa including right and left TVC
- (11: Thyroid, if present)
- (12: Lymph nodes for count, if present)

## STAGING CRITERIA (AJCC 8TH EDITION)

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pT staging - is tumor confined to anatomic compartment versus other compartment but still within larynx (up to inner cortex of thyroid cartilage)?

- is tumor involving extralaryngeal structures such as beyond outer cortex of thyroid cartilage, thyroid soft tissues

pN staging - ipsilateral ver bilateral

- 3 vs. 6 cm largest metastatic tumor
- +/- extranodal extension/ENE

## ADDITIONAL CONSIDERATIONS

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- Reference anatomic structure is true vocal cord/TVC (glottis) -its horizontal plane is reference point for dividing anatomic compartments .
- Supraglottis - includes epiglottis, aryepiglottic folds/AEF, arytenoids, FVC, ventricles
- Glottis - TVC, anterior commissure, posterior commissure

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- Subglottis
- Supra - or sub- glottic extension should be measured along vertical axis using free edge of TVC as reference.