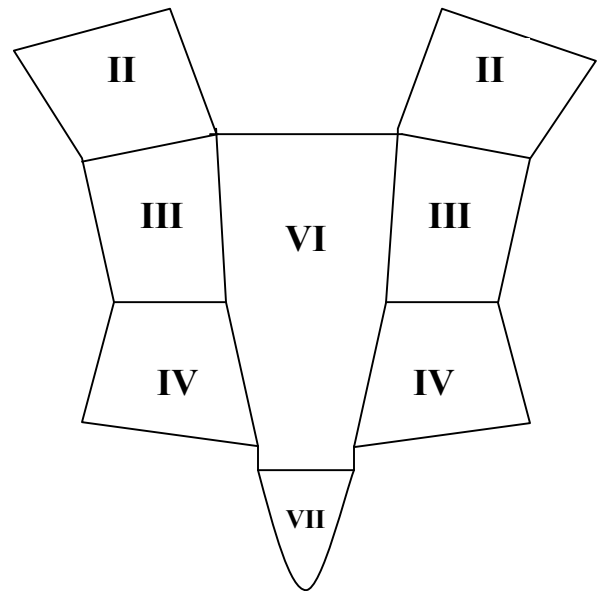
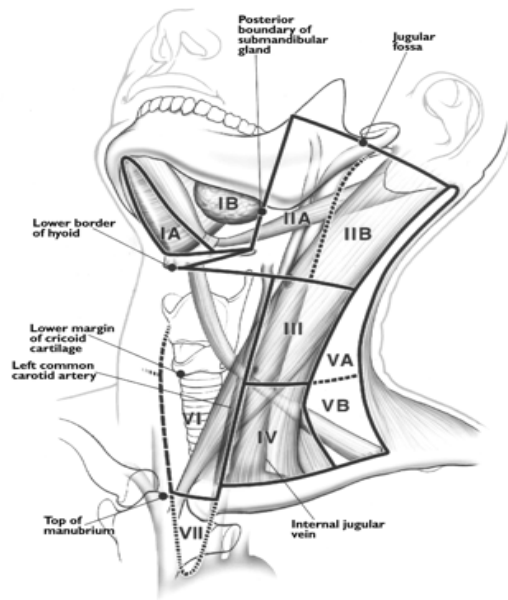


# Neck Ultrasound: Post-operative Surveillance of Thyroid Cancer

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## Levels of Lymph Node Detection

- **Level VI (Thyroid Bed)**- Anterior neck, anteromedial to the carotid arteries, from the sternal notch to the hyoid bone;
- **Level VII**-Caudal to the sternal notch, in the superior mediastinum;
- **Levels II-IV**-Jugular chain nodes anterior to the posterior border of the sternocleidomastoid muscle; nodes around the carotid sheath;
  - **Level II**- suprahyoid, upper jugular chain nodes;
  - **Level III**- between the hyoid bone and the cricoid, middle jugular chain nodes;
  - **Level IV**- below the cricoid, lower jugular chain nodes.

## Nodal Size

- **Level II**-short axis > 7mm;
- **All other levels**- short axis >6mm.

## Lymph Node Morphology

Gray scale sonographic features suggesting metastatic lymph nodes:

- Round shape;
- Absence of echogenic (fatty) hilum;
- Microcalcifications;
- Hyperechogenicity relative to muscle;
- Cystic change.