

<b>Job Aid: Ultrasound of Cervical Lymphadenopathy Assessment</b>		
<b>Division:</b> SLH,SNGH	<b>Manual:</b>	<b>Locations: Radiology Ultrasound</b>
<b>Original Date:</b> 8/12/12	<b>Section:</b>	
<b>Owner: Imaging Operations</b>		
<b>Approved By: Richard Thomas, MD, Department Chief</b>		<b>Revision Date: 11/20/13, 3/04/14, 1/20/17,2/06/2020</b>

**Organs to be demonstrated: RT & LT Cervical Neck Lymph Nodes**

1. **RT Trans and Sag neck level 1a (Submental)**
2. **RT Trans and Sag neck level 1b (submandibular)**
3. **RT Trans and Sag neck level 2/3 (parotid nodes)-usually see largest lymph nodes normally here.**
4. **RT Trans and Sag neck level 4 (thyroid area/fossa area)-look medial and lateral to carotid**
5. **RT Trans and Sag neck level 5a (posterior to sternocleidomastoid-at the level of the hyoid)**
6. **RT Trans and Sag neck level 5b (posterior to sternocleidomastoid- at the level of the thyroid)**
7. **LT Trans and Sag neck level 1a (submental)**
8. **LT Trans and Sag neck level 1b (submandibular)**
9. **LT Trans and Sag neck level 2/3 (parotid nodes)- usually see largest lymph nodes normally here.**
10. **LT Trans and Sag neck level 4 (thyroid area/fossa area)-look medial and lateral to carotid**
11. **LT Trans and Sag neck level 5a (posterior to sternocleidomastoid-at the level of the hyoid)**
12. **LT Trans and Sag neck level 5b (posterior to sternocleidomastoid- at the level of the thyroid)**

**\*\*If lymph node present in any zone, measure length, width, height, and show color flow.\*\***

**It is important to note their location, shape, size, echogenicity, vascular pattern, and presence of an echogenic hilum.**

**-Normal lymph nodes typically appear oblong, have an echogenic hilum, and have a hilar vascular pattern.**

**-Abnormal lymph nodes typically appear more rounded, no fatty hilum, more hypoechoic, could also become cystic, calcifications, and blood flow will not be hilar, it will be more peripheral.**

**\*\*Exam performed for patients with thyroid cancer (s/p thyroidectomy), Head/Neck cancer, surveillance for treatment of such cancers.**

**Related Documents:**

---

*Policy*                      N/A

---

*Procedure*                      N/A

---