

Neck Case 13

EXAM: CT neck with contrast

INDICATION: Dysphagia.

TECHNIQUE: Contiguous axial CT images of the neck were performed after contrast administration, with coronal and sagittal reformats.

FINDINGS:

There is a heterogeneously enhancing mass involving the right tongue base, which extends into and effaces the right vallecula, involves the median glossoepiglottic fold, and crosses the midline at the tongue base. The mass measures 2.2 x 3 x 3 cm in maximal AP by transverse by craniocaudal dimension. The mass extends towards the hyoid bone on the right, without evidence of erosive changes.

Multiple heterogeneously enhancing, centrally necrotic enlarged bilateral level 2 lymph nodes are present, largest of which on the right measures 2.1 cm in short axis diameter. The largest left level 2 lymph node measures 1 cm in short axis diameter, and is also centrally necrotic. There are multiple bilateral non-enlarged lymph nodes seen at level 2 through level 5.

Nasopharynx appears within normal limits. The false and true vocal cords are unremarkable.

The thyroid gland is within normal limits.

Fatty lesion involving the right latissimus dorsi measures 1 x 3.3 cm in AP by transverse dimension likely relates to lipoma.

Visualized cranial structures are within normal limits. The orbits are unremarkable.

Irregularity of the left C4 facet likely relates to old trauma. Mild left C4-C5 neural foraminal narrowing relates to facet arthropathy. Moderate right C5-C6 neuroforaminal narrowing relates to uncovertebral spurring and facet arthropathy. Degenerative disc changes with osteochondrosis of the intervertebral disc spaces seen at C5-C6 and C6-C7. Sclerotic focus in the transverse process of T1 on the right likely relates to bone island.

IMPRESSION:

1. Heterogeneously enhancing mass involving the right tongue base, with extension into the vallecula with involvement of the median glossoepiglottic fold. Multiple heterogeneously enhancing necrotic lymph nodes are seen bilaterally at level 2, right greater than left, as described above, with the largest lymph node measuring 2.1 cm in short axis diameter on the right.

