

Appendix

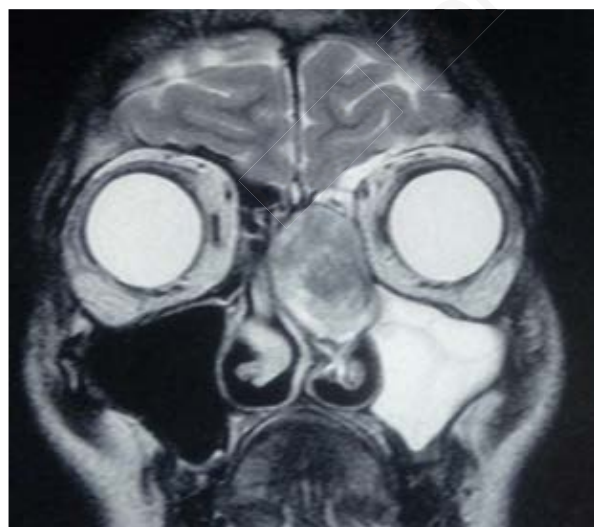
Surgical Techniques Development #7550

Schwannomas of ear, nose, throat and neck

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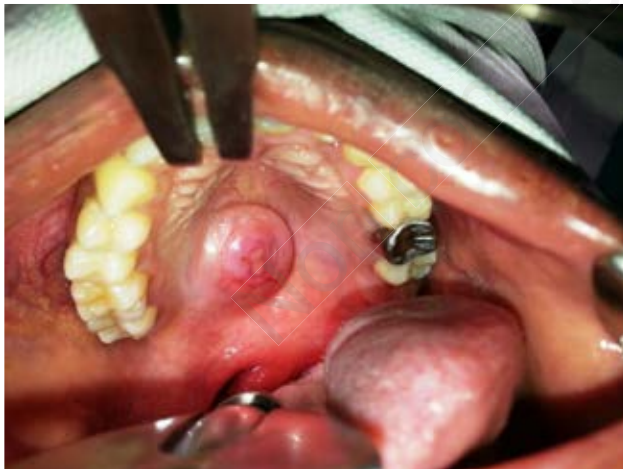
Appendix Figure 1. High resolution computed tomography temporal bone showing soft tissue mass filling middle ear space and mastoid cavity with erosion of ossicles and mastoid air cells.



Appendix Figure 2. MRI nose and paranasal sinus showing Well defined heterogenous hyper intense soft tissue lesion in osteomeatal complex causing obstruction of drainage of frontal and maxillary sinus with secondary sinusitis.



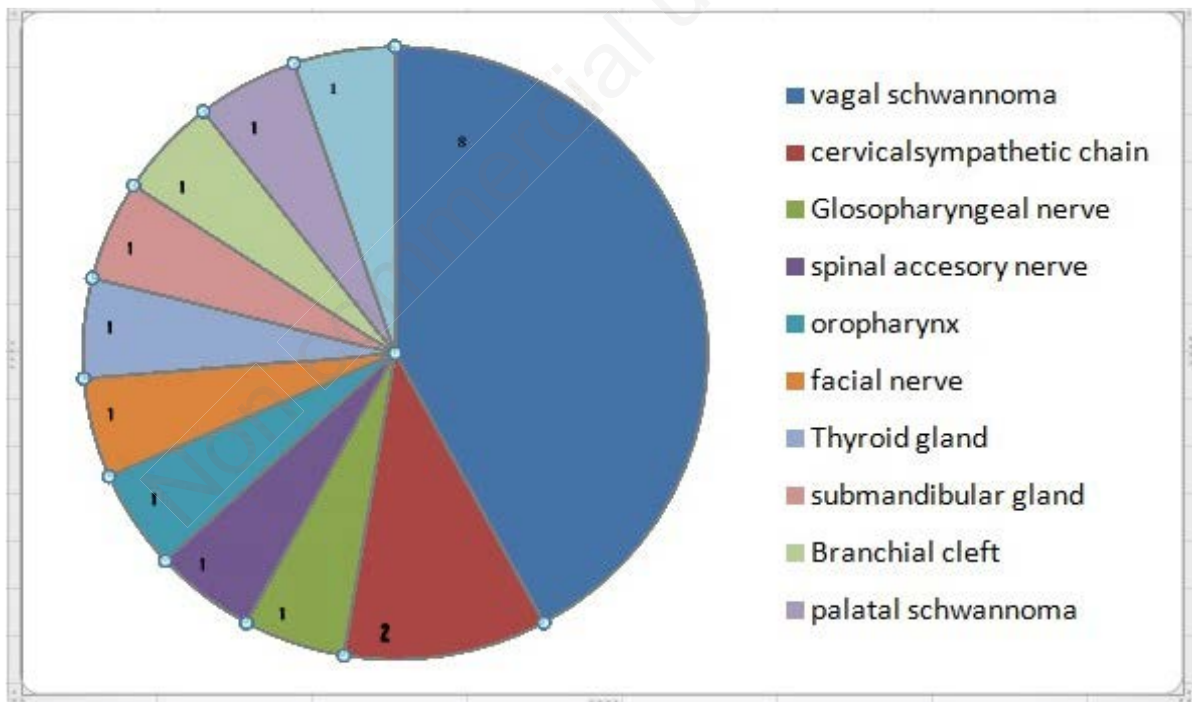
Appendix Figure 3. Coronal view of computed tomography paranasal sinuses showing well defined septal mass lesion.



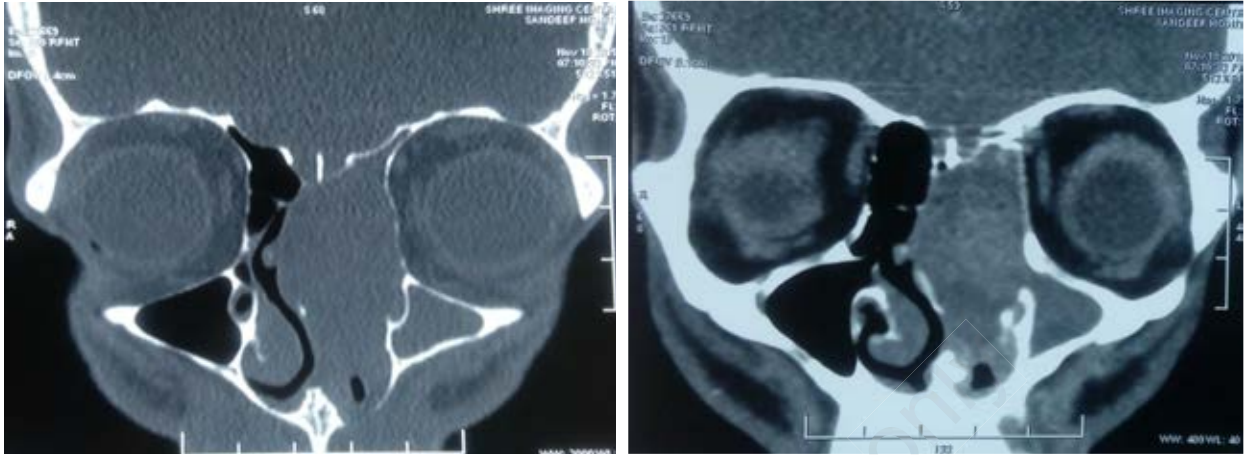
Appendix Figure 4. Palatal mass on hard palate.



Appendix Figure 5. Spinal accessory nerve schwannoma.



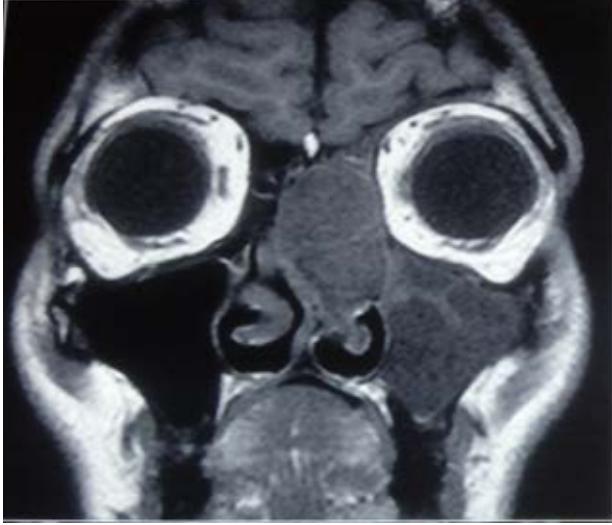
Appendix Figure 6. Extracranial schwannoma series showing variety of schwannomas in our study.



A

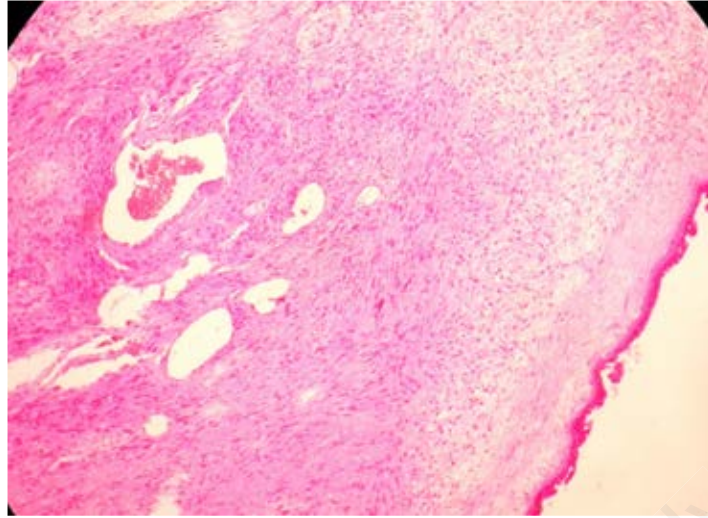
B

Appendix Figure 7. Computerized Tomography of paranasal sinus sagittal section. (A) Left side nasal cavity showing soft tissue lesion involving middle turbinate with thinning of medial lamina and Deviation of septum towards right side. (B) Soft tissue window shows widening of osteomeatal complex with involvement of maxillary sinus.

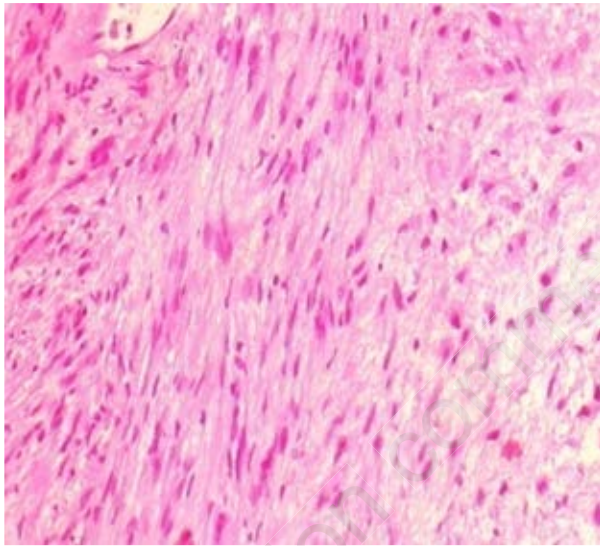


Appendix Figure 8. MRI sagittal section of paranasal sinus T1 Weighted image shows hypointense lesion of nasal cavity.

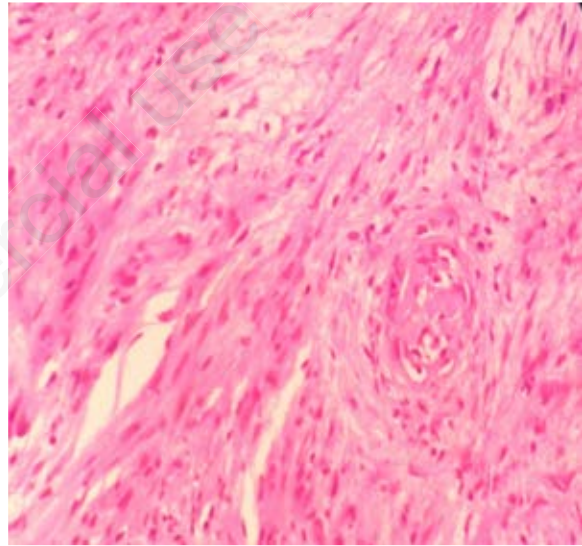
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A

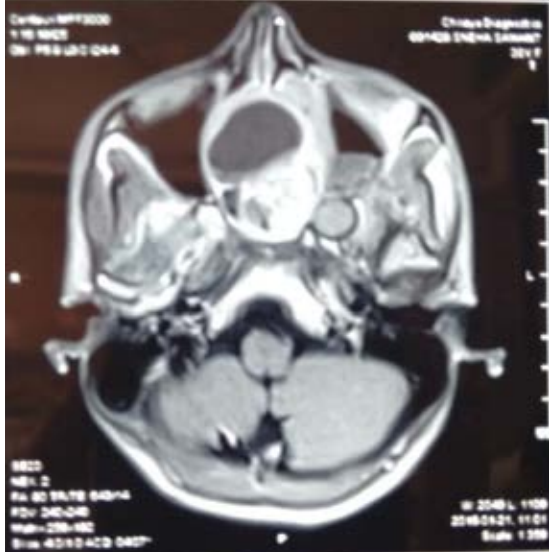


B



C

Appendix Figure 9. Histopathological examination typically of schwannoma (Antoni type A and type B tissue).



Appendix Figure 10. Axial view of MRI PNS showing heterogenous enhancement of septal mass with cystic degeneration.



Appendix Figure 11. Specimen showing multiple grey white bits of soft tissue.



Appendix Figure 12. Excised palatal schwannoma.



Appendix Figure 13. Soft globular mass seen in oropharynx attached to left posterior pillar.



Appendix Figure 14. CT scans showed a homogenous regular hypodense swelling in oropharynx.

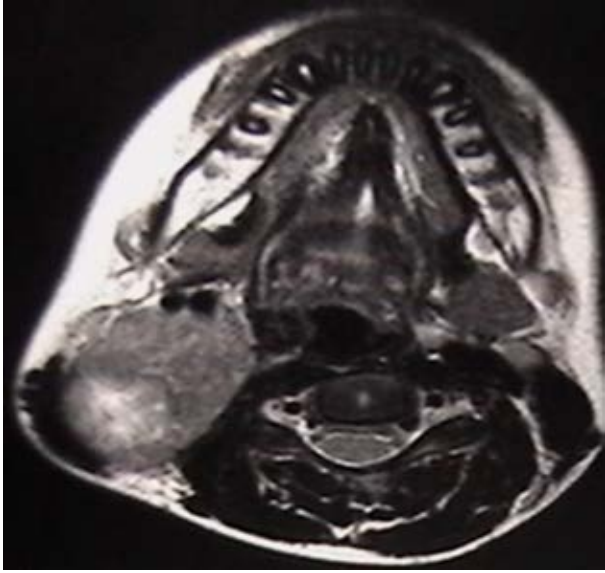


A

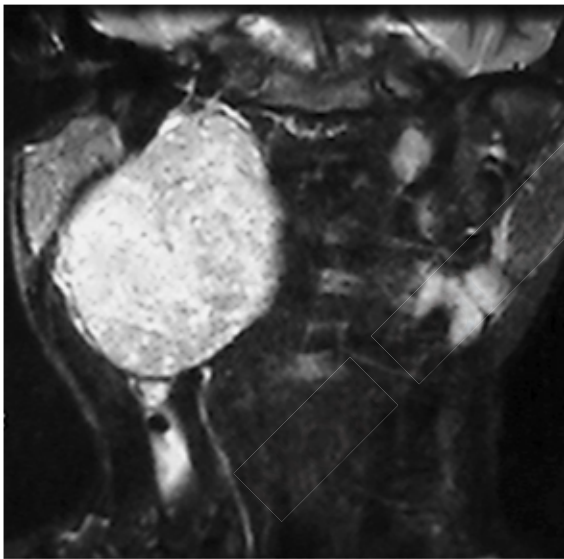


B

Appendix Figure 15. (A) Swelling of the right side of neck. (B) Oropharynx with smooth bulge on the right lateral wall of the oropharynx.



A

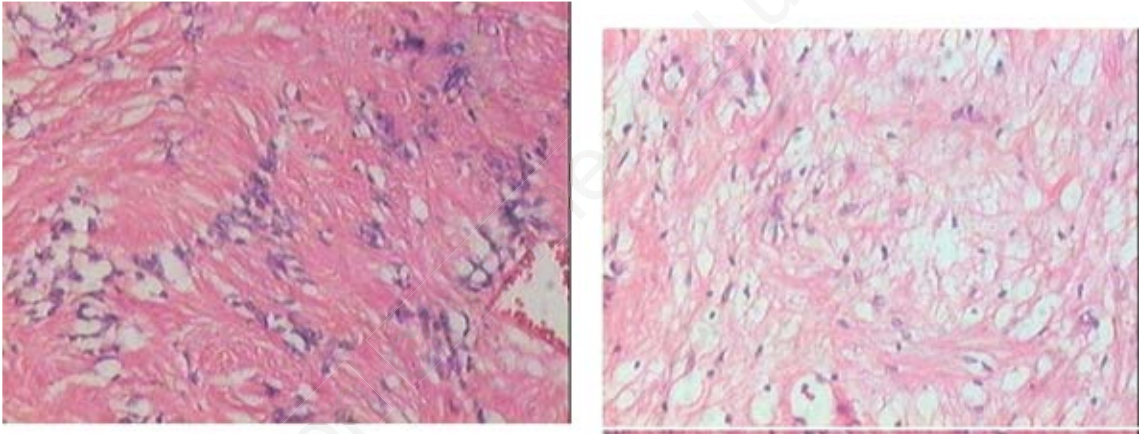


B

Appendix Figure 16. MRI of Neck showed well defined oval hypodense lesion in the right carotid space.



Appendix Figure 17. Excised schwannoma.



A

B

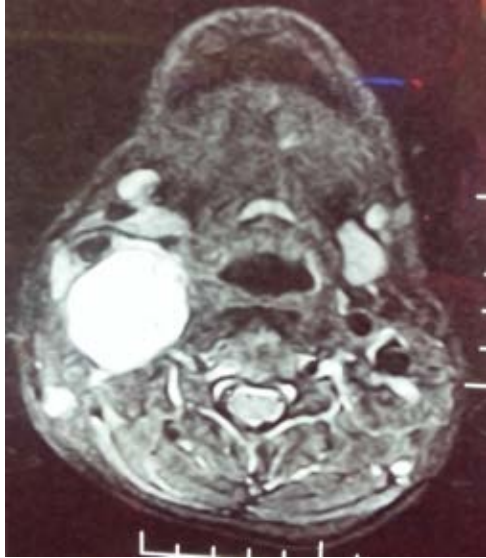
Appendix Figure 18. Antoni A and B type of cells.



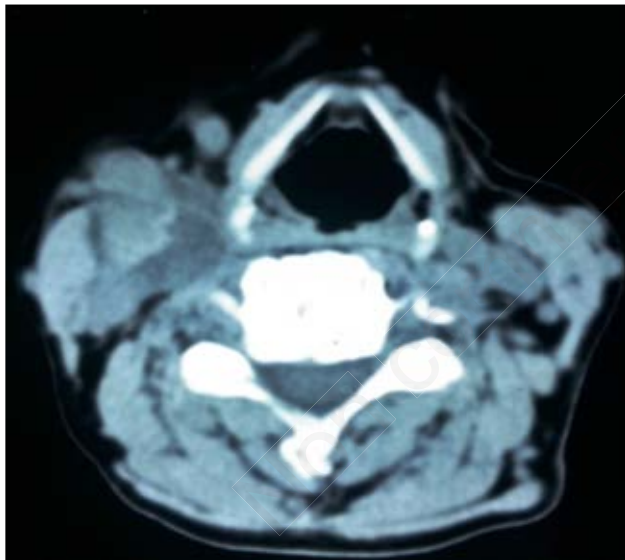
Appendix Figure 19. Schwannoma of cervical sympathetic chain.



Appendix Figure 20. Spinal accessory nerve schwannoma.



Appendix Figure 21. MRI showing spinal accessory nerve schwannoma.



Appendix Figure 22. MRI showing spinal accessory nerve schwannoma.