ANATOMY OF THE PHARYNX
Median section of the pharynx
Anterior relations
Cavity of the pharynx
The Naso and oropharynx
The Choana and Nasopharynx
Plain X ray showing boundaries of the nasopharynx
Axial CT showing boundaries of the nasopharynx
Adenoids & Eustachian tube
The Oropharynx
The oropharynx
Grading the Size of Tonsils

Grading system:
A. 0 – tonsils in fossa
B. +1 – tonsils less than 25%
C. +2 – tonsils less than 50%
D. +3 – tonsils less than 75%
E. +4 – tonsils greater than 75%
Tonsils Size

I

II

III

IV
Histology of Palatine Tonsils
The Laryngopharynx (Hypopharynx)
Endoscopic view of the larynx & laryngopharynx
Subepithelial lymphoid tissue

**WALDEYER’S RING**

- Adenoids (Pharyngeal tonsils)
- Lingual tonsils
- Palatine tonsils
- Pharyngeal lymphoid islands
Histology of adenoids in comparison to the palatine tonsil
Posterior & lateral relations of the pharynx
Posterior & lateral relations of the pharynx
Blood supply

- Arterial from the external carotid artery
  - Ascending pharyngeal
  - The lingual artery
  - The facial artery
  - The maxillary artery
- Venous drainage to the internal jugular
Lymphatics

- Retropharyngeal nodes
- Deep cervical (jugular) nodes
Jugulo-Diagastic nodes

- Preauricular
- Submental
- Tonsilar
- Submandibular
- Anterior Cervical
- Posterior Cervical
- Supraclavicular
THE PARAPHARYNGEAL SPACE
THE RETROPHARYNGEAL SPACE