Expectations for year 6 ENT attachment

The following should already be familiar at the START of the attachment

ANATOMY

1. General understanding of basic anatomy of the Ear,

2. General understanding of basic anatomy of the Nose,

3. General understanding of basic anatomy of the Throat

4. General understanding of basic anatomy of the cranial Nerves

PHYSIOLOGY

1. To have an understanding of the basic physiology of the hearing and Balance system

2. To have an understanding of the basic physiology of the nose and sinuses.

PHARMACOLOGY

1. To understanding concepts of drugs used for vasconstriction, antibiotics, local anaesthetics

CLINICAL EXAMINATION SKILLS RELEVANT TO THIS SPECIALITY

1. general examination of the cranial nerves

2. Examination of the neck

BEFORE the start of the attachment students should have read a basic ENT text to have a general understanding.

Examples include;

[Oxford Handbook of ENT and Head and Neck Surgery (Oxford Medical Handbooks)](http://www.amazon.co.uk/Oxford-Handbook-Surgery-Medical-Handbooks/dp/0199550794/ref%3Dsr_1_1?ie=UTF8&qid=1322131847&sr=8-1) by Rogan Corbridge and Nicholas Steventon (Paperback - 24 Dec 2009)

[Ear, Nose and Throat and Head and Neck Surgery: An Illustrated Colour Text](http://www.amazon.co.uk/Nose-Throat-Head-Neck-Surgery/dp/0443073112/ref%3Dsr_1_3?ie=UTF8&qid=1322131847&sr=8-3) by Ram S. Dhillon and C.A. East (Paperback - 24 Jul 2006)

[Diseases of the Ear, Nose and Throat (Lecture Notes Series)](http://www.amazon.co.uk/Diseases-Nose-Throat-Lecture-Notes/dp/1405145080/ref%3Dsr_1_6?ie=UTF8&qid=1322131847&sr=8-6) by Ray Clarke and Peter D. Bull (Paperback - 25 May 2007)

[ABC of Ear, Nose and Throat (ABC) (ABC Series)](http://www.amazon.co.uk/ABC-Ear-Nose-Throat/dp/1405136561/ref%3Dsr_1_11?ie=UTF8&qid=1322131847&sr=8-11) by Harold S. Ludman and Patrick Bradley (Paperback - 8 May 2007)

Essential ENT - 2nd Edition, Author: Rogan J Corbridge, Publisher: Hodder Arnold, Published: 2011

DURING the attachment experience will be gained in the following:

PHARMACOLOGY

1. Understanding issues of ototoxicity and ear drops

2. Understanding the pharmacological treatment of rhinitis

ADDITIONAL CLINICAL SCENARIOS / ILLNESS SCRIPTS

1. Nasal obstructions
2. Epistaxis
3. Rhino-sinusitis
4. Fractured nose
5. Otitis media and complications
6. Otalgia
7. Hearing loss: conductive and sensorineural (with examples.
8. Discharging ears
9. Hoarseness - benign and malignant cases.
10. Airway problems - paediatric and adult
11. Lumps in the neck including salivary glands - benign and malignant causes
12. Tonsillitis
13. Head & neck Cancer
14. Tracheostomy

Have watched in theatre, if possible, the following operations:

* Tonsillectomy
* Grommets
* Septoplasty or endoscopic sinus surgery
* A major head and neck exploration
* Mastoid surgery

ADDITIONAL CLINICAL EXAMINATION SKILLS

1. Examination of the ENT system (including the neck) by inspection, palpation,
anterior rhinoscopy, otoscopy, tuning fork testing and interpretation of audiometry and tympanometry

2. Be aware of:

Minor examination of postnatal space

Indirect laryngoscopy

Flexible nasendoscopy, videostroboscopy

Rigid Hopkins Rod examination

ADDITIONAL SKILLS RELEVANT TO THIS SPECIALITY

1. Interpretation of audiometry and tympanometry

2. Awareness of : CT scan of paranasal sinuses and temporal bones

And MRI of cerebello-pontine angles

ENT/Head and Neck Surgery Course

Learning Outcomes

By the end of the course the student should be able to:

* Describe basic anatomy of the ear, nose and throat/neck in relation to health and
disease.
* Take a comprehensive history of ENT/Head and Neck disease.
* Perform anterior rhinoscopy, otoscopy, tuning fork tests, oral cavity examination
and neck palpation.
* Recognise other examination modalities including indirect laryngoscopy, flexible
endoscopy, rigid Hopkin's Rod endoscopy and videostroboscopy.
* List the principles of diagnosis and management and of common Otological
problems including hearing loss, vertigo, tinnitus, otorrhoea, otalgia/referred
otalgia and facial palsy.
* List the principles of diagnosis and management and of common Rhinological
problems including nasal obstruction, nasal discharge/rhinorrhoea, postnasal drip,
facial pain, nasal trauma and epistaxis.
* List the principles of diagnosis and management and of common Head and Neck
problems including lumps in the neck, dysphagia, hoarseness and stridor.
* Interpret audiometry, tympanometry and skin allergy tests.
* Define the role of CT scans of the sinuses and temporal bone, and MRI of the
cerebello-pontine angle
* Recognise the indications for surgical intervention in patients with common ENT
problems including middles ear effusion, chronic otitis media, recurrent tonsillitis,
sepal deviation, chronic rhinosinusitis and head and neck malignancy.
* Identify the role of multidisciplinary approach in the management of Head and
Neck malignancy.