

X 4. Eye, Ear, Nose and Throat Surgery

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Eye

1. Eye injuries: intraocular and extraocular
2. Lid plastics: primary and secondary
3. Complications of ophthalmic diseases requiring surgical intervention

Ear, Nose, Throat

1. Surgical intervention in conditions of infectious origin
2. Injuries of the ear, nose, or throat
3. Surgery of the larynx, pharynx and trachea: especially obstructive lesions

This section of surgery will effect coordination with medical officers working in chest surgery, general surgery, maxillo-facial surgery, and neurological surgery.

Desireable special equipment:

Eye

1. Eye magnet, and non-magnetic instruments, as lid retractors, forceps
2. Diathermy machine for retinal detachment surgery, etc.
Must include needles, electrodes.
3. Special suture material: fine Deknatel or fine silk of swedged needles
4. Lens suction apparatus
5. Slit lamp
6. Ophthalmic lamp for illumination of eye surgery
7. Electric Cautery, with special tips
8. Small, elongate, fine-tipped cotton wipes, made by hand
9. Specially tailored eye sheets, small opening
10. Special solutions for cold sterilization of eye instruments

E.N.T.

1. Electric suction apparatus, with special curved and angulated tips
2. Electric head lamp
3. Electric cautery, with e.n.t. tips
4. Audiometer
5. Electric dental drill
6. Siegel otoscope
7. Electric nasopharyngoscope
8. Tuning fork set
9. Mastoid head rest block
10. Bronchoscopic head rest
11. Adequate tracheotomy canulas, with obturators 1 to 6
12. 1 life saver tube, M3595, 3 sizes

Basic Instrument Set

Eye - for every eye case

1. Glass syringe, 2 cc. with hypo needles #26, and some with shank 1 3/4 inches long, #26
2. Irrigation bulb
3. Lid retractors
4. Eye specula

5. 6 size .003 silk, 12 inch, sutures on a 12 mm. cutting needles
6. 3 corneal sutures, intraocular
7. Needles holders: 1 regular, and 1 special Kalt
8. 4 Mosquito hemostats
9. 2 Gifford fixation forceps
10. 2 plain suture forceps
11. 1 small rat toothed tissue forcep
12. 1 large " " " "
13. 1 Stevens blunt nosed scissors
14. 1 iris scissors
15. 1 utility scissors
16. 2 spatulas
17. 2 squint hooks
18. Cutting instruments, as keratomes, lateral knives, etc., to be tested before surgery by the operating surgeon
19. 2 dozen prepared cotton wipes
20. Supply of 2 x 2 gauze sponges
21. Other special and non-magnetic instruments may be needed on special cases
22. Eye protective shield
23. Ophthalmic light
24. Wax paper, with vaseline-zinc oxide half-and-half
25. Iris forceps
26. Verhoeff's lens forceps

For intraocular foreign bodies: (include also the above basic set)

1. Implant materials, as vitalium, etc.
2. Swedged catgut sutures, .000
3. Enucleation scissors
4. Exenteration spoon, 2 sizes

Retinal detachment: (include also the above basic set)

1. Wolk diathermy apparatus
2. Non-conductive retractors
3. Walker pens or Gradle electrode diathermy

Plastics: (include also the above basic set)

1. Supply from general surgery, as Thiersch graft knives, mosquito forceps, various sutures
2. In Kronlein operations, neurosurgical instruments will be necessary. Lists supplied at the time of scheduling of operation.

Basic instrument set for E.N.T.

Nose

1. Canula, natural sinal opening
 - Maxillary
 - Frontal
 - Spehnoidal
2. Chisel
 - Septal
 - Nasal
 - Straight
 - Curved

3. Curette
 - Ethmoid
 - Sphenoid
4. Elevator
 - Mucoperiosteal
5. Forceps
 - Ethmoid exenteration
 - Alligator cutting nasal
 - Angular nasal
 - Bone septal
6. Knife
 - Tonsil
 - Septal
7. Reverdin Needle
8. Punches, sinal (Universal handle)
9. Perforator, antral
10. Rasp
 - Antral
 - Frontal
11. Scissors, turbinate (angular)
12. Snare, nasal polyp
13. Speculae
 - Nasal
 - Nasal subnaucous
14. Trocar, antral punch
15. Wash tube
 - Antral
 - Frontal

THROAT

1. Adenotome, La Force
2. Curette, adenoid
3. Forceps, tonsil artery
4. Gag, mouth
5. Scissors, tonsil curved
6. Snare, Tydings tonsil
7. Tenaculum, tonsil

LARYNX

1. Applicators, laryngeal
2. Forceps, laryngeal grasping
3. Head rest, Hasslinger
4. Snare, laryngeal

EAR

1. Canula, attic
2. Chisels, mastoid
3. Curettes
 - Fenestrated mastoid (small, medium, and large)/
 - Eustachian
4. Director, Staeske
5. Forceps
 - Attic
 - Ossiculotomy
 - Ear dressing
6. Gouges, mastoid

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7. Needle, aneurysm
8. Retractors, mastoid self-retaining
9. Rongeurs
 - Angular
 - Narrow-jawed
 - Heavy
10. Searcher, mastoid
11. Snare, ear