4. Eye, Ear, Nose and Throat Surgery

Eye

1. Eye injuries: intraocular and extracocular
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 affect coordination with medical officers working in chest surgery, general surgery, maxillo-facial surgery, and neurological surgery.

Desirable 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 swaged 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 wips, 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 cannula, with obturators 1 to 6
12. 1 life saver tube, M3995, 3 sizes

Basic Instrument Set

Glasses 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 cornal sutures, intracocular
7. Needles holders: 1 regular, and 1 special Kalt
8. 4 Mosquito hemostats
9. 2 Clifford fixation forceps
10. 2 plain suarure 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 keratomas, 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 intracocular foreign bodies: (include also the above basic set)
1. Implant materials, as vitalium, etc.
2. Swaged 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
   Sphenoidal
2. Chisel
   Septal
   Nasal
   Straight
   Curved
3. Curette  
   Ethmoid  
   Sphenoid

4. Elevator  
   Muscoperiosteal

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  
    Antroal  
    Frontal

11. Scissors, turbinate (angular)

12. Scissors, nasal polyp

13. Speculae  
    Nasal  
    Nasal submucous

14. Tissue, antral punch

15. Wash tube  
    Antroal  
    Frontal

**THROAT**

1. Adenotomy, La Force

2. Curette, adenoid

3. Forceps, tonsil artery

4. Gag, mouth

5. Scissors, tonsil curved

6. Snare, Tydings tonsil

7. Tonsilulum, 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  
   Penetrated mastoid (small, medium, and large)/  
   Eustachian

4. Director, Staeke

5. Forceps  
   Attic  
   Cerebrocecalomy  
   Ear dressing

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