Instrumentarium for Ophthalmological Service

Basic

Preparation tray -

1. Eye retractor I
2. Irrigator bulb - with sterile saline solution or saline.
3. Scissors with vaseline gauze - for cutting eye-lashes
4. Green soap - for gauze sponges for cleansing skin about eye.
5. 2 cc. syringes with
   2 - #27 hypo needles
   2 - 1 3/4" #26 or 27 needles for Adrenaline and retrobulbar injection
6. Local anaesthetic
   Adrenalin - 1 - 1000 available
   20 cc of 4% novocain solution (2% also available)
   2% Butyn plus dropper for infiltration use
7. 3 - 2 by 2 pads of gauze - 6 cotton rolls

Basic table for O.R.

1. Medication -
   4% and 10% cocaine solutions
   1 - 1000 adrenalin solution
   Extra 2 cc syringe and 4% novocain
   20 cc saline solution and dropper

2. Instruments
   1. Eye speculum
   2. Eye retractors
   3. 1 large and 1 small tooth dissecting forceps
   4. 2 plain small suture forceps
   5. 1 needle holder - for large needles
   6. 2 small hemostats - any kind available
   7. 1 dissecting Stevens scissors
8. **Sutures**

On 1/2 inch cutting needle - black silk 12" long for superior rectus and lid suture (3)

Fine suture or additional sutures to be designated.

Sharp cutting instruments and testing of same before O.R. - also instruments to be selected before operation. Method of sterilization and care to be worked out when we see what is available. The supply of sharp instruments will be limited and extreme care must be taken.

9. **On table**

Gauze sponges 2 by 2 (2 dozen available) Cottone rolls (many) - small cotton pledgets moistened with saline and rolled between fingers to make pointed rolls approximately 1 1/2" long and 1/4 inch thick.

**NURSE TO KEEP THESE SUPPLIED.**

**Plastic cases**

See general surgery - plastic section.

Special eye instruments to be selected.

**Operating Room Draping**

Of necessity two towels placed under patient's head - upper towel to be brought over forehead and held in place by towel clamps.

Rest of face can be draped by towel or small lap sheets - as available.

**Position on Table**

1. **Level**

2. **Head** - to be approached from the head

3. Draw sheet for removal from and to cart must be under all intra-ocular cases - before going to O.R.

**POST-OPERATIVE DRESSINGS**

1. Zinc oxide - vaseline - 50-50 in tube to apply on lids - over which is applied:
2. Eye pad (2 by 2 gauze dressing with 1/2 inch of cotton between layers).
3. Small - 5 by 1/4 inch adhesive strips
4. Protective shield - to be made out of X-ray film or cardboard previously.
5. Starch roll bandage
   2" by 5 feet long - for special cases.
6. Multiple 2 by 2 gauze pads and adhesive strip 1" wide and 7" long
   for Wheeler dressing where pressure is to be applied after evisceration etc.