

Basic Instruments for Optometric Surgery

List compiled by Dr. Richard Castillo

Basic instrumentation set:

- 1) 0.3 mm tissue forceps (with or without suture-tying platform)
- 2) Suture-tying forceps X2 (any style/Dr. preference)
- 3) 0.12 mm tissue forceps (with or without suture-tying platform)
- 4) Chalazion forceps (small, medium, large/any style/Dr. preference)
- 5) Westcott-style scissors (sharp tips for cutting tissue and suture)
- 6) Westcott-style scissors (blunt tips for dissecting and undermining tissue)
- 7) Vannass-style (small delicate) scissors
- 8) Chalazion curette (assorted sizes, small, medium...)
- 9) Wire lid speculum (assorted sizes, small medium...)
- 10) Ophthalmic needle holder/driver (any style/Dr. preference/ recommend Castroviejo-style)
- 11) Scalpel handle or Disposable scalpels (#11 blade, #15 blade)
- 12) Instrument tray to hold instruments
- 13) Mayo instrument table or stand
- 14) Small (Mosquito) hemostat
- 15) Plastic (non-conductive) corneal shields

Recommended Radiosurgery/Coagulation Unit:

Ellman 4.0 MHz Radiosurgical System and smoke evacuation unit

www.ellman.com

Contact: Mr. Webster Lodge (WLodge@cynosure.com)

Office autoclave (many options available). eg., Tauttnauer, Ritter, etc...
Smaller dental office type units seem to do well.

Disposables: Sterile gauze 4x4's, sterile saline, suture, dermabond glue, gloves, masks, hats, protective gowns, face shields or goggles, anesthetic agents, needles & syringes, gauze bandages, band-aids, alcohol pads, betadine wipes, sterile drapes, fenestrated eye drapes, antibiotic ointment, cotton-tip applicators.

Recommended instrument source: Katena Instrument Corp. (Katena.com)

Obviously, this list may not be all inclusive as that depends on the exact procedures one would be performing. This, with the possible exception of a radiosurgical unit (in which case some other form of cautery/coagulation would have to be substituted) does constitute a good basic instrumentation set.

Consideration would also have to be given to your office space and a reclining patient procedure chair or table that allows for positioning (again, many options available here), an office microscope or surgeons loops, good lighting, and a comfortable surgeon's chair or steady stool.