

# Annexure

## Sterilization Protocol at a glance:

Area	Procedures	Accepted Practice
<b>No. of standard surgical sets</b>	<ul style="list-style-type: none"> <li>▪ One surgeon with one OT table: 4 sets</li> <li>▪ One surgeon with two OT tables : 7 sets</li> </ul> One junior surgeon with one OT table: 2 sets	
<b>Cleaning Procedures</b>	Manual cleaning	Use four bowls. First wash is the disinfectant and cleaned with a soft toothbrush. Then followed by three washes with distilled water.
<b>Blunt Instruments</b>	Prior to surgery	Steam sterilisation
	Between cases	Flash autoclave
<b>Sharp Instruments</b>	Prior to Surgery	Steam sterilisation, ethylene oxide sterilisation
	Between Cases	Flash autoclave
<b>Heat Labile Instruments</b>	Cryoprobe	Formalin chamber/ ethylene oxide
	Vitrectomy cutter & Cautery	Formalin chamber/ ethylene oxide
<b>Linen</b>	Surgeons dress	Steam sterilisation
	Aprons	Steam sterilisation
	Drape sheets	Disposable
<b>Hand Washing</b>	Prior to surgery	Hand scrubbing with povidone iodine scrub or chlorhexidine for five minutes.
	Between cases	isopropyl alcohol
<b>Surgical supplies</b>	Irrigation Solution	Steam sterilisation before opening the seal.
<b>Theater Sterilization/ Disinfections</b>	Floor	Chlorhexidine, lysol
	Fumigation of OT	Formaldehyde
	Air Conditioners	Filters to be removed and washed with soap and water weekly.
	Walls	Washed with water and disinfectant weekly.
<b>Patient</b>	Theatre trolleys	Disinfectant
	Dress for OT	Sterile dress if provided by the hospital, shoe covers and cap
	Disinfection of the Conj. Sac	Povidone iodine
<b>Sutures</b>	Prior to surgery	ETO (if the pack has been opened but only once)
	Between cases	Cidex (this method is not recommended)

(As prepared by Dr. R.D.Ravindran, MS,DO, Aravind Eye Hospital, Pondicherry)

# References

1. Ophthalmic operating theatre practice- A manual for developing countries, Ingrid Cox and Sue Stevens

2. Hospital infection control manual; III edition 2003; CMC Vellore

3. The sterile supply department: Guidelines for planning and quality management, edited by Geetha Mehta.

## Websites

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3. [www.infectioncontroltoday.com](http://www.infectioncontroltoday.com)
4. <http://www.aorn.org/journal/>
5. [www.tpub.com](http://www.tpub.com)
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7. [www.med.mcgill.ca](http://www.med.mcgill.ca)
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