

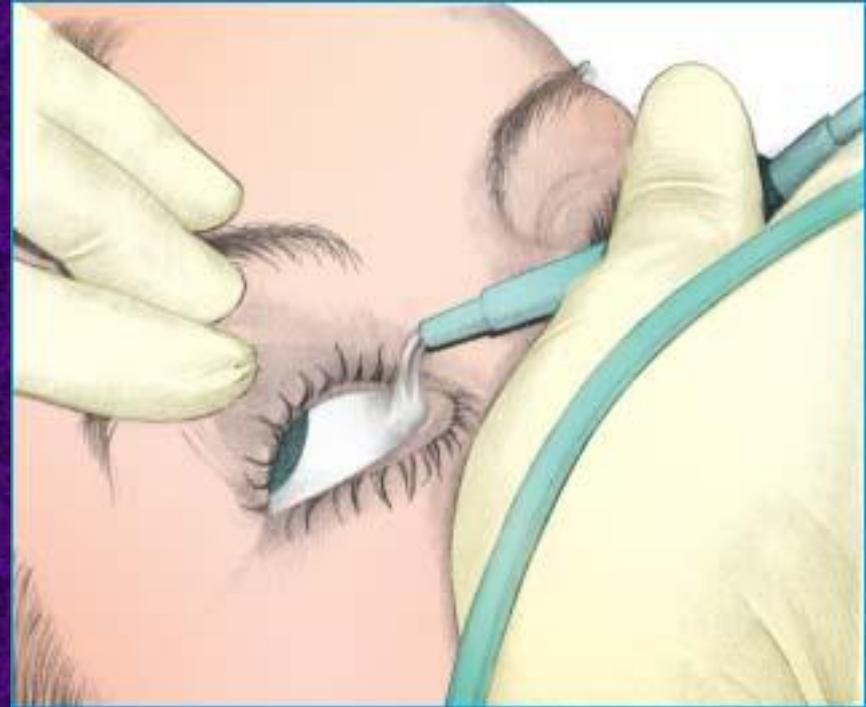
IRRIGATION

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Eye Irrigation

Definition

An eye irrigation is the washing of the conjunctival sac by a stream of liquid



Eye Irrigation

- To treat inflammatory process of conjunctiva
- To apply medication for an antiseptic effect
- To remove foreign objects or irrigating chemicals
- To apply heat or cold to the eyes
- To prepare for eye surgery.



Eye Irrigation

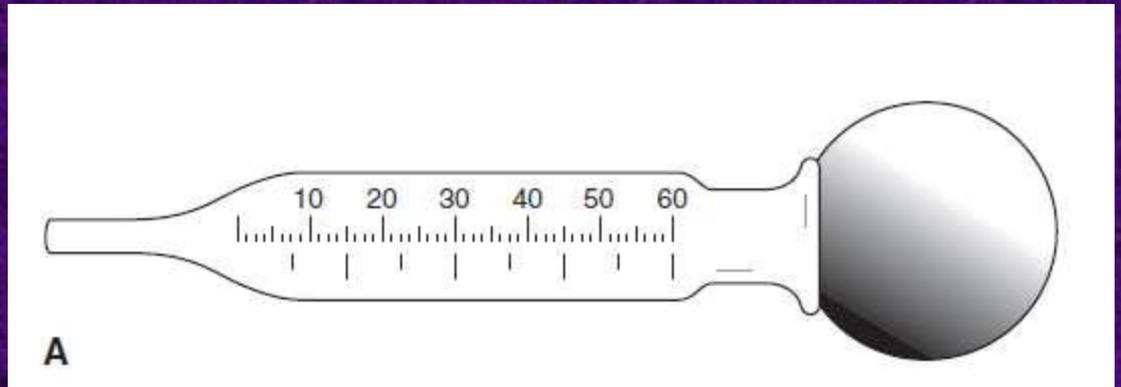
- Sterile wet cotton balls in a container to clean the eyes before procedure
- Eye irrigation fluid
 - Plain water
 - Normal saline
 - Boric acid 2%, acriflavin 1%, silver nitrate,
 - Mercurochrome 1 % used as antiseptics
- Irrigation device(any clean device that can direct irrigant to flow to eye)
 - Intravenous irrigating can with tubing
 - Medication dropper
 - Rubber bulb syringe

Eye Irrigation

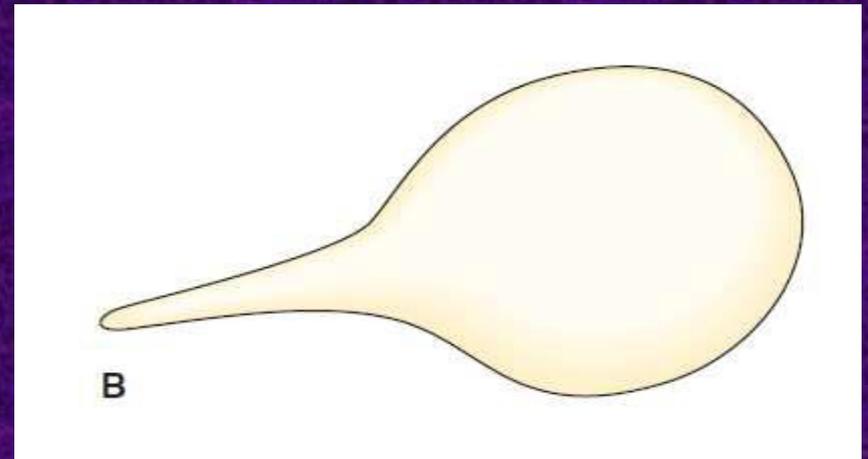
- Sterile jug with extra fluid
- Kidney tray/ paper bag to receive the waste
- Sterile dry swabs in a container to dry the eyes after the procedure
- Mackintosh and towel to protect the bedding and the garments
- Transfer forceps in a sterile container to handle sterile articles
- Eye dressings and eye medications if ordered
- IV stand, if needed to adjust height of an irrigator

Eye Irrigation

A. Asepto syringe

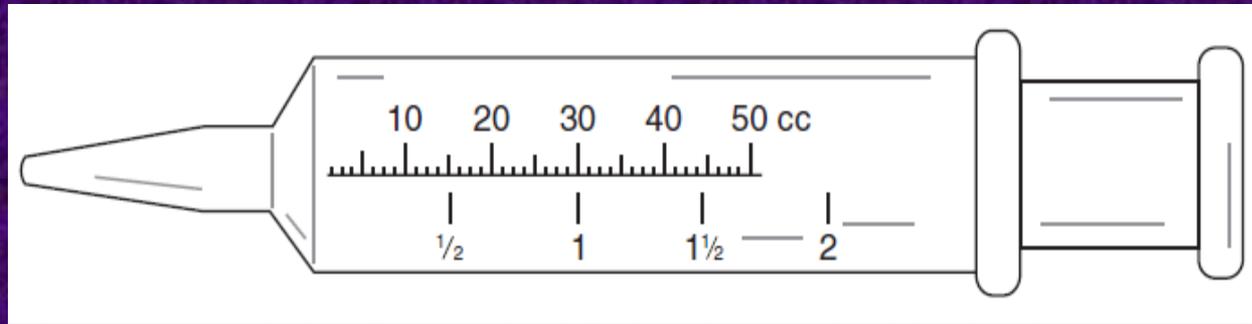


B. Rubber bulb

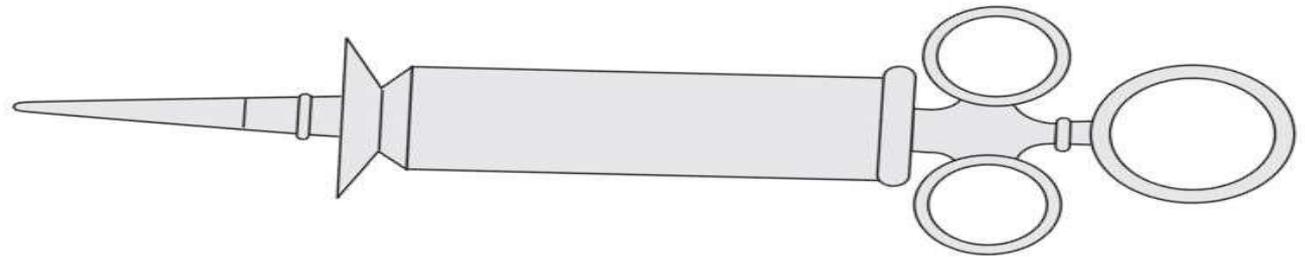


Eye Irrigation

C. Piston syringe



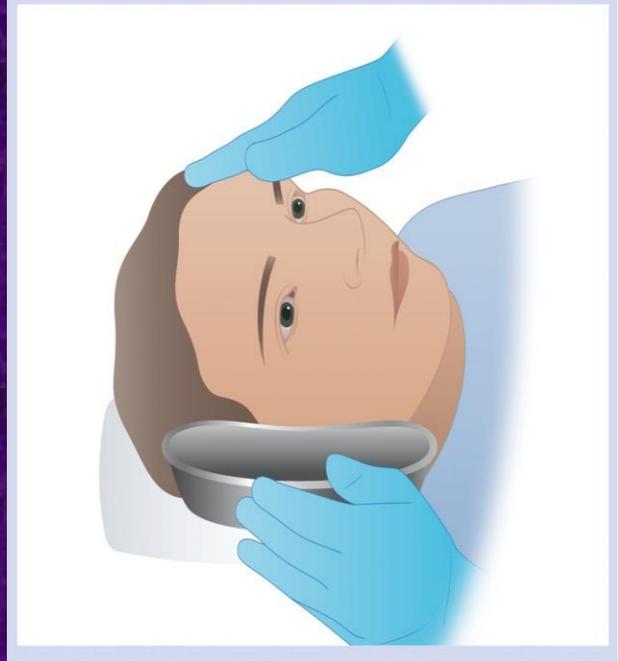
D. Pomeroy



Eye Irrigation

- Explain the procedure
- Have the patient lying on his back with the head turned slightly to the side to be irrigated (supine)
- Place the mackintosh and towel
- Ask the patient to hold the kidney tray close to his cheek
- Arrange the articles
- Wash hands
- Clean the eye lids and eye lashes using the wet swabs. Wipe the lids from the inner corner of the eye to the outer corner using one swab for one stroke

Fig 5. Position the patient with their head well supported and place a kidney dish against their cheek on the affected side

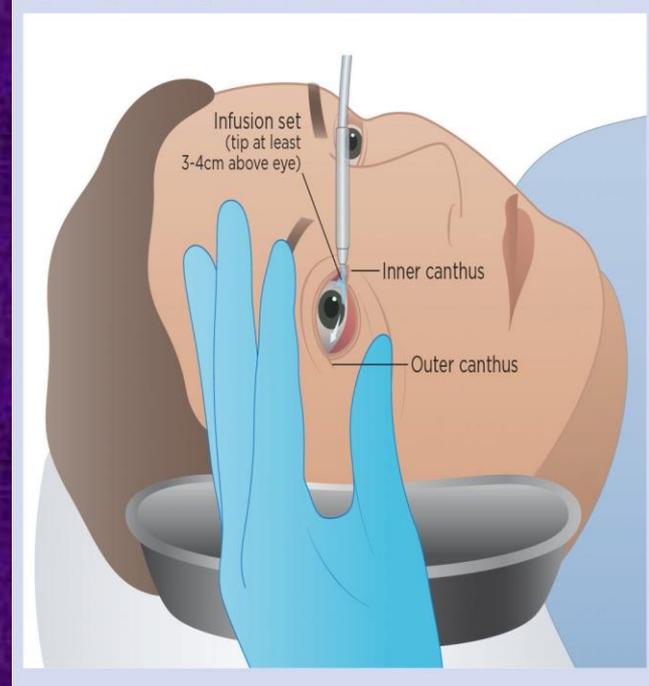


Eye Irrigation

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- Irrigate the eye using an appropriate irrigator. Test the temperature of the irrigation solution on the inner aspect of the wrist
- Ask the patient to close the eyes and allow a small amount of fluid to run over the lid
- Hold the eye lids open by separating the eye lids gently with thumb and fore finger of left hand. When opening the eyelids don't apply pressure on the eyeball but press against the cheek and brow.. If force is exerted on the eyelids, it can cause spastic closure of the eye lids and will make irrigation difficult.
- Hold the nozzle of the irrigator about 2 cm above the eyes and allow the fluid to run into the conjunctival sac. Direct the flow of fluid from the inner canthus.

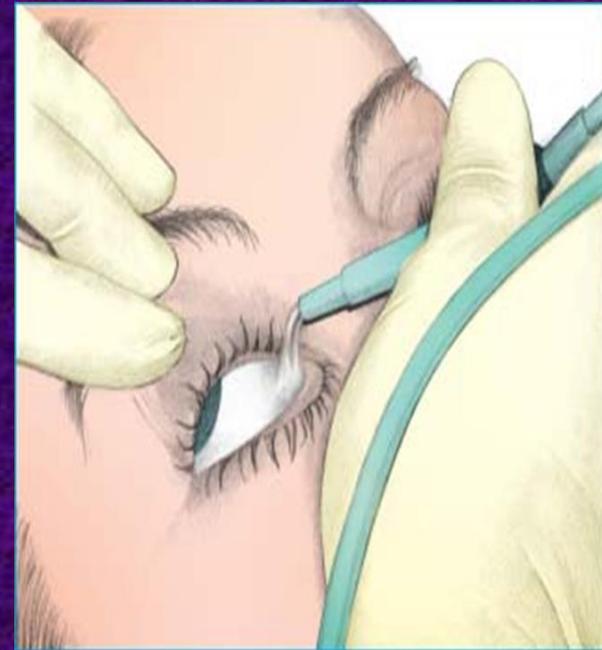
Fig 6. Irrigate the eye from the inner canthus to the outer canthus



Eye Irrigation

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- Ask the patient to look up while irrigating the inner part of the lower lid and to look down while the inner part of the upper lid is irrigated.
- Note: not to touch the eye with an irrigator
- Irrigate the eye until the desired effect is achieved
- Repeat the procedure on other side, if necessary using separate articles and solutions
- Wipe the discharge from the eye lids and wipe the eyes and cheeks dry
- Instill the eye drops or ointment if ordered
- Take all articles to utility room, clean and dry them and replace them to their proper places
- Wash hands
- Record



THANKS

