

Skin Preparation for Ophthalmology Surgery: MSJ OR and DT Procedure Rooms

Site Applicability

MSJ- DT Procedure Rooms and Operating Room

Practice Level

Basic: Within the scope of practice of every perioperative RN and physician

Need to Know

Eye and facial preps may require the use of alternative prep solutions or diluted regular solutions in order to avoid injury to the patient. Providone 5% prep solution compounded by Pharmacy is used for eye prep.

Perform hand hygiene before and after eye prep.

Maintain sterile technique when prepping the eye.

Before prepping the eye, verify the patient's identity, allergy and the consent for the correct procedure and site and side.

Eye **MUST** be assessed before the skin preparation. Check for skin integrity around the eyes. Check the eye, conjunctiva and surrounding tissue for discharge, bruising, inflammation or signs of redness. Inform the surgeon of any abnormal findings right away for further directives.

For eye trauma cases (i.e. open injury to eye), before the eye prep, clarify with the surgeon whether a skin prep is necessary or not.

Ensure eyeglasses or contact lenses are removed and the surgical site and surrounding areas are clean and free of make-up.

Patient may wear hearing aid in the OR. Ensure to keep the prep solution or irrigating solution from entering the ear to keep hearing aid intact.

Shellfish allergy is not a contraindication to Povidone prep solution.

Equipment and Supplies

Assemble equipment and ensure the patient is positioned well on the bed/stretcher.

- Povidone 5 % solution (*check expiry date*)
- Sterile disposable eye prep tray
- Sterile cotton-tipped applicators
- Sterile gloves
- 1 mL sterile syringe

Protocol and Procedures

Eye prep margins

- Begin centrally and work out to periphery
- Above eyebrow to upper lip
- Nose to temple

Eye skin prep

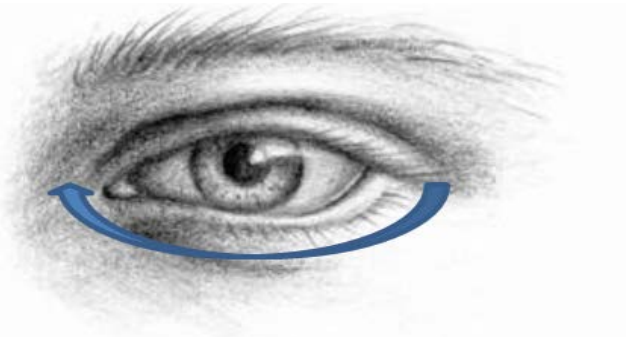
1. Open prep tray and pour Povidone 5 % prep solution into one section of the prep tray.
2. Keep at least 2 dry sponges for wiping down excess prep solution around prepped skin.
3. Fill 1 mL syringe with Povidone 5 % solution
4. Retract upper eyelid with one Q-tip and instill 1 to 2 drops of betadine solution in operative eye(s).
5. Don sterile gloves.
6. Soak one sponge in prep solution; squeeze out excess solution.
7. Instruct the patient to close their eyes.
8. Start **prepping outside or around the operative eye:**
 - Cleanse above and below in widening sweeps from **inner canthus to outer canthus**.
 - Prep up to above the eyebrow (forehead) and as low as the upper lip.
 - **Repeat using a new sponge.**



Prepping outside or around the eye: cleanse from **inner canthus to outer canthus**

9. Prep inside the operative eye.

- Gently pull the **lower lid** away from the cornea using a dry end of cotton- tipped applicator or dry sponge.
- Prep the **lower eyelid margin and lashes** using a second applicator soaked with prep solution. Gently cleanse using a one stroke technique from **outer to inner canthus**.
- Discard used cotton-tipped applicator.
- Next, prep the **upper lid margin and lashes**. Use the same dry cotton- tipped applicator or dry sponge to gently lift the *upper lid* away from the cornea.
- Use a clean cotton-tipped applicator soaked with prep solution. Gently cleanse using a one stroke technique from **outer to inner canthus**.
- Discard used cotton-tipped applicator.



Prepping inside the operative eye: gently cleanse from **outer to inner canthus**

10. **Repeat eyelids prep (# 9)** using a clean cotton-tipped applicator soaked with prep solution each time.
11. Wipe down excess solution with dry sponge.
12. Allow prep to dry prior to placement of the sterile drape.
13. If the patient is wearing a hearing aid, check around the ear to ensure the area is dry and hearing aid is intact.

Documentation

1. Complete documentation in Perioperative doc, **Skin Preparation Segment** in Powerchart.

Related Documents

1. [B-00-13-10140](#) - DT Procedure Rooms MSJ - Admitting Patient to Operating Room (OR)
2. [B-00-13-10141](#) - DT Procedure Rooms MSJ - Patient Admission and Preoperative Assessment
3. [B-00-13-10152](#) – DT Procedure Rooms MSJ: Procedural Sedation and Analgesia (PSA): Administration and Monitoring

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4. [B-00-13-10151](#) – Peribulbar/Retrobulbar Block: Care of the Patient Receiving
5. [B-00-12-10055](#) - Preoperative Patient Preparation
6. [B-00-13-10040](#) - Belongings (Patient): In Operating Room
7. [B-00-13-10046](#) – Procedural Sedation in Clinics and Procedure Rooms
8. [BCD-11-11-40000](#) –Allergy Documentation Policy
9. [B-00-07-10019](#) - Allergy /Intolerance Documentation
10. [BD-00-11-40012](#) - Surgical and Procedural Checklist policy
11. [BD-00-11-40014](#) - Surgical Site Identification policy
12. [B-00-07-13002](#) - Antibiotic Resistant Organisms (ARO's) in the Operating Room (OR) and Post Anesthesia Care Unit (PACU): Infection Control Management

References

1. AORN. (2018). Perioperative Standards and Recommended Practices.
2. ORNAC. (2019). Recommended Standards, Guidelines, and Position Statements for Perioperative Registered Nursing Practice (14th ed.).
3. Phillips, N. (2016). Berry & Kohn's Operating Room technique. (13th ed.).
4. Rothrock, J.C. (2018). Alexander's' care of the patient in surgery (16th ed.).

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