



มหาวิทยาลัยราชภัฏนครปฐม



## CHAPTER 5

# NURSING PRACTICES FOR ADMINISTERING MEDICATIONS



# Eye Medications

## Medication Administration: Eye

1

### EQUIPMENT

1. Medication administration record (MAR)
2. Eye medication
3. Tissue or cotton ball
4. Nonsterile latex-free gloves (if needed)



From Mosby's Nursing Video Skills .  
<https://www.ndsu.edu/pubweb/bismarcknursing/advanced/skill/>



# Eye Medications

## Medication Administration: Eye

### 2 STEP

1. Check with the client and the chart for any known allergies or medical conditions that would contraindicate use of the drug.
2. Gather the necessary equipment.
3. Check client's identification armband.
4. Explain the procedure to the client; inquire if the client wants to instill medication. If so, assess the client's ability to do so.



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# Eye Medications



## Medication Administration: Eye



7. Wash hands/hand hygiene; don nonsterile latex-free gloves if needed.
8. Place client in a supine position with the head slightly hyperextended.
9. Remove cap from eye bottle, and place cap on its side.
10. Squeeze the prescribed amount of medication into the eyedropper.
11. Place a tissue below the lower lid.
12. With dominant hand, hold eyedropper 1/2–3/4 inch above the eyeball; rest hand on client's forehead to stabilize.





# Medication Administration: Eye

## Eye Medications



13. Place hand on cheekbone and expose lower conjunctival sac by pulling down on cheek.

14. Instruct the client to look up, and drop prescribed number of drops into center of conjunctival sac

15. Instruct client to gently close eyes and move eyes. Briefly place fingers on either side of the client's nose to close the tear ducts and prevent the medication from draining out of the eye

16. Remove gloves; wash hands/hand hygiene.

17. Record on the MAR the route, site (which eye), and time administered.



# Medication Administration: Ear

## Ear Medications

### 1

### EQUIPMENT

1. Medication administration record (MAR)
2. Ear medication
3. Nonsterile latex-free gloves
4. Tissue



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# Medication Administration: Ear



## Ear Medications



### 2 STEP

1. Check with client and chart for any known allergies.
2. Check the MAR against the prescribing practitioner's written orders.
3. Wash hands/hand hygiene.
4. Use the identification armband to properly identify the client.
5. Place the client in a side-lying position with the affected ear facing up.



# Ear Medications



## Medication Administration: Ear

6. Straighten the ear canal by pulling the pinna down and back for children less than 3 years of age or upward and outward in adults and older children.

7. Slowly instill the drops into the ear canal by holding the dropper at least 1/2 inch above the ear canal

8. Ask the client to maintain the position for 2 to 3 minutes.

9. Place a cotton ball on the outermost part of the canal.



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# Medication Administration:

## Metered-Dose Inhaler

### 1

### EQUIPMENT

1. Medication
2. Latex-free gloves
3. Tissue as needed
4. Inhaler



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# Medication Administration:

## Metered-Dose Inhaler

### 2 STEP

1. **Wash hands/hand hygiene.** Wear a mask if the client is coughing or sneezing. Don latex-free gloves
2. **Check the accuracy and completeness of each medication administration record (MAR) against the health care provider's medication orders.**
3. **Read the manufacturer's application/administration directions carefully.**



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# Medication Administration: Nasal



4. Check the label on the metered-dose inhaler (MDI) against the MAR two times. Note the expiration date on the medication canister.

5. Have the client assume a comfortable position.

6. Assess the patient's respiratory pattern, and auscultate breath sounds.

7. Assess the patient's ability to hold, manipulate, and activate the MDI.





# Rectal Medications

## Medication Administration: Rectal

### 1

### EQUIPMENT

1. Medication (suppository or medicated enema)
2. Water-soluble lubricant
3. Latex-free gloves
4. Tissue or washcloth
5. Bedpan if client physically immobile
6. Medication administration record (MAR)
7. Towels or pads (e.g., disposable “blue pads”)







# Medication Administration: Rectal

## 2 STEP



1. Assess the client's need for the medication.
2. Check prescribing practitioner's written order.
3. Check the MAR against the medication order, verifying correct client, medication, dose, route, and time.
4. Check for any drug allergies.
5. Review the client's history for any previous surgeries or bleeding.
6. Gather the equipment needed for the procedure before entering the client's room

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# Medication Administration: Rectal

7. Assess the client's readiness to receive the medication. Encourage visitors to leave until the procedure is completed, and close door or curtain.

8. Wash hands/hand hygiene.

9. Apply disposable gloves

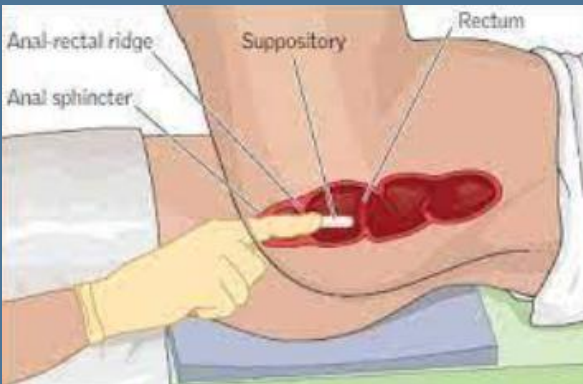
10. Ask the client's name and check identification band.

11. Assist client into correct position: side-lying Sims' position, preferably the left side with upper leg drawn up toward chest. Provide protection under client such as towel or pad.





# Medication Administration: Rectal



12. Visually assess the client's external anus.

13. Remove suppository from wrapper, and lubricate rounded end along with insertion finger.

14. Tell client he or she will experience a cool sensation and pressure during administration. Encourage slow deep breaths.

15. Retract buttocks with nondominant hand, visualizing the anus

16. Remove finger or enema tip, and wipe client's anal area with a washcloth or tissue.

17. Discard gloves.



# Preventing Medication Errors



## Administering Medications

- 1 Follow the **10 Rights** strictly
- 2 Avoid distractions during medication preparation
- 3 Double-check **high-alert** medications (e.g., insulin, anticoagulants)
- 4 Clarify any **unclear** or **illegible** orders with the prescriber



# KEY CONCEPTS

Nurses are both **morally and legally responsible for correct administration** of medications; this includes following institutional policy, considering clients' desires and abilities, fostering compliance, and correctly documenting all actions related to medication administration and medication errors.

Before administering medications, the nurse must thoroughly **assess the client's drug history, medical history, and psychosocial and cultural factors** that may affect drug acceptance and compliance.

The nurse must always carefully monitor client reactions to medications and ensure that clients are appropriately educated as to the **actions, side effects, and contraindications of all medications they are receiving.**





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