Medication Administration in Early Education and Child Care Settings

Introduction to Medication Administration in Early Education and Child Care Settings

Module 3: How to Administer Medication

Objectives:

• Most common errors
• 5 Rights
• Identifying “as needed” conditions
• Universal/standard precautions
• Preparing to administer medication
• Medication administration procedure
• Communicating with the child

Introduction: Common Errors in Medication Administration

Approximately 5% of emergency room visits for unintentional medication overdoses among children under the age of 5 are for medication errors. Source: https://www.cdc.gov/medicationsafety/protect/protect_initiative.html
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Most Common Medication Errors

- Errors are most commonly made with analgesics or pain relievers

The “5 Rights”

- Right child
- Right medication
- Right dose
- Right time
- Right route

Right Child

- Check the name on the medication label and the child’s name
- If any question arises, check a second identifier such as date of birth
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Right Medication

• Read the label to make sure you have the correct medication
• Especially important for children who are taking more than one medication

Right Dose

• Check dose on label and authorization form
• Use proper measuring device
• Check measuring device carefully

Right Time

• Check the permission form
• Check the label
• Note the time
• Look at the clock
• The right time
• In an emergency, "now" is the right time to give medication
Right Route

• How is the medication to be given?
• Check the label and Authorization to Give Medicine form

“As Needed” Conditions

• Some medication only need to be given “as needed”
• Specific instructions
• OTC medications should be kept to a minimum
• Orders should state the maximum number of times the dose can be repeated

Standard Precautions in Child Care Settings

• What are standard precautions (sometimes called universal precautions)?
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Standard Precautions in Child Care Settings

The #1 infection control measure to prevent illness is handwashing

- Disposable gloves
- Washing hands after using gloves
- Proper disposal of materials
- Environmental sanitation

Group Activity:
Prepare to Administer Medication

List the steps to prepare to give medication to Martina before actually going to get her.
Group Activity: Prepare to Administer Medication continued

Steps
• Wash hands
• Prepare work area
• Take out the medication
• Check the label and the items on the forms to see that they match
• Get proper measuring device
• Check the time

Medication Administration Procedure:
Prepare the Medication

• Use the appropriate measuring device
• Measure the amount on the label
• Change the form of the medication ONLY if label states for you to do so

Medication and Food

• It is usually best not to mix medication with food
• Ask the prescriber or pharmacist
• If medication is mixed with food or liquid, all of it must be taken
• Give the child something to drink immediately afterward to help with the taste
Medication Administration Procedure: Prepare the Child

• Communicate
• Explain the procedure
  – Never call medication “candy”
• Wash the child’s hands, if appropriate
• Position the child

Prepare the Child: Infants

• Support the infant’s head
• Hold the baby semi-upright
• Keep the infant’s arms and hands away from the face
• Gently press the chin to open the mouth
• Rock the baby before and after

Prepare the Child: Infants

• Syringe or dropper:
  o Position on one side of the mouth along the gum
  o Squirt slowly to allow time to swallow
• Special dosing nipples work best when the baby is hungry
• Give oral medication before feeding unless instructed otherwise
Prepare the Child: Toddlers
- Ask parents about their techniques
- Give some control or choices
- Be honest
- Use age-appropriate language
- Be positive
- Thank & praise

Prepare the Child: Older Children
- Explain why we take medication
- Teach
- Involve the child in the process
- Books that talk about medication

Medication Administration Procedure
- Check 5 rights
  - Note any special instructions
- Take the medication from the container
- Prepare the medication
- Check the label again
- Give the medication
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Medication Administration Procedure: Finishing Up

• Praise the child
• Check the label again
• Return the medication
• Record the medication
• Clean the measuring device
• Wash your hands
• Observe the child for side effects

How to Give Oral Medication Video

Measuring Oral Medication

• Oral Measuring Devices
• Dropper
• Syringes
• Dosing spoon
• Medication cup
• No kitchen spoons
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Topical Medication

- Skin creams, ointments, patches
- Eye drops, ointments
- Ear drops

How to Give Topical Medication Video

How to Give Ear Drops Video
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How to Give Eye Drops and Ointments Video

Inhaled Medications

- Nasal sprays and drops
-Metered dose inhalers and nebulizers

PediaLink: Medication Administration in Early Care and Education Settings

For more information, an online course is available through PediaLink.

To sign up please visit:
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Resources

- State Specific Policy Information at https://childcareta.acf.hhs.gov/licensing
- Caring for Our Children at http://nrckids.org/CFOC

Summary & Questions

Disclaimer

- Curriculum provides education for personnel in the child care setting who give medication to children but are not licensed health care professionals
- Curriculum is not a substitute for written policy and professional medical guidance and not a certification of competency
- Each program must review state laws, regulations, and resources, and adapt accordingly
Acknowledgements

- This curriculum has been developed by the American Academy of Pediatrics (AAP). The authors and contributors are expert authorities in the field of pediatrics.
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- Website addresses are as current as possible but may change at any time.
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