

## **OBJECTIVES**

FOLLOWING THE PRESENTATION, DEMONSTRATION AND PRACTICE, THE SCHOOL NURSE WILL BE ABLE TO:

- 1. ASSESS PULSES
- 2. ASSESS ABNORMAL BREATH SOUNDS
- 3. DEMONSTRATE USE OF EPI PEN, INSULIN PEN, GLUCAGON INJECTION
- 4. ADMINISTER A BREATHING TREATMENT USING A NEBULIZER
- 5. DEMONSTRATE HOW TO USE A METERED DOSE INHALER
- 6. DEMONSTRATE TRACHEOSTOMY CARE AND SUCTIONING
- 7. DEMONSTRATE AND DISCUSS PULSE OXIMETERY

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## INHALERS

- METERED DOSE INHALERS
- SPACERS (AEROSOL HOLDING CHAMBERS): LONG TUBES
  THAT SLOW THE DELIVERY OF MEDS FROM THE PRESSURIZED
- MDI HOW TO USE A SPACER:
- 1. SHAKE THE INHALER WELL BEFORE USE (3 4 SHAKES)
- 2. REMOVE THE CAP FROM INHALER, AND FROM SPACER
- 3. ATTACH THE INHALER TO THE SPACER
- 4. EXHALE

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- 5. BRING THE SPACER TO MOUTH, PUT THE MOUTHPIECE BETWEEN TEETH AND CLOSE LIPS AROUND IT
- 6. PRESS THE TOP OF INHALER ONCE
- BREATHE IN VERY SLOWLY UNTIL A FULL BREATH HAS BEEN TAKEN. HEARING WHISTLE SOUND, INDICATES BREATHING IS TOO FAST
- 8. HOLD BREATH FOR ABOUT TEN SECONDS, THEN BREATHE OUT.

## NEBULIZER TREATMENTS NEBULIZATION IS USED FOR ADMINISTRATION OF BRONCHODILATORS AND MYCOLYTIC AGENTS. WATER OR SALINE, MEDICATION AND AIR COME TOGETHER AND ARE INHALED INTO THE RESPIRATORY TREE. THE DESIRED BENEFITS ARE CLEARANCE OF PULMONARY SECRETIONS AND OPENING AIRWAYS FOR GREATER GAS EXCHANGE

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