

**HACKETTSTOWN REGIONAL MEDICAL CENTER
CARDIOPULMONARY
SPUTUM INDUCTION**

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Policy No: 3B.016

Cross Referenced:

Origin: Cardiopulmonary

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SCOPE

All members of the Cardiopulmonary Department

PURPOSE

To mobilize/expectorate mucus & obtain a sputum specimen.

Equipment:

1. Wall Suction canister with tubing
2. Sterile mucus container or mucus trap (lukens trap)
3. Nebulizer setup with mask
4. 5cc 3% saline solution
5. Lubrication
6. French suction catheter package
7. Gas source, i.e. wall O2

PROCEDURE

1. Obtain order from doctor/task in Cerner for procedure.
 2. Explain procedure to pt.
 3. Initiate 5cc- 3% saline nebulizer treatment to assist/mobilize secretions.
 4. Coach deep breathing while taking treatment.
 5. Observe patient throughout procedure for distress, bronchospasms & assess vital signs (heart rate, respiratory rate, oxygen saturation)
 6. Once complete ask pt to expectorate (if able) into sterile container.
 - a. If pt is unable to cooperate, connect suction catheter & specimen trap to wall suction.
 - b. Maintain sterile technique. Lubricate end of catheter & suction patient orally/nasally with suction catheter. Seal mucus trap when specimen obtained.
 7. Seal/label specimen container & place in bag.
 8. Give specimen to RN.
 9. Document completion in progress notes in Cerner.

Precautions:

1. Bronchospasms. - Terminate procedure.
2. Bleeding due to suctioning. -Terminate procedure.
3. Use Adverse Reaction Form if necessary. (See Cardiopulmonary Section 3B, Policy 14)
4. Document in progress notes in Cerner.