

**VALLEYCARE**  
**OLIVE VIEW-UCLA MEDICAL CENTER/HEALTH CENTERS**  
**RESPIRATORY CARE SERVICES - ADULT**  
**POLICY & PROCEDURE**

**NUMBER: 908**

**VERSION: 1**

**SUBJECT/TITLE: THE ISOLAIDE NEGATIVE FLOW CHAMBER**

**POLICY:** All outpatient sputum inductions will be done in the *Isolaide*. All inpatients that are not in isolation rooms and are being ruled out for T.B., P.C.P., or are being treated with aerosolized pentamidine will be brought to the Respiratory Care Department to have the procedure performed in the *Isolaide*.

**PURPOSE:** •  
To create a safe environment for staff and patients while obtaining sputum samples for analysis of infectious/contagious organisms and/or delivering aerosolized Pentamidine.

**DEPARTMENTS: RESPIRATORY CARE SERVICES**

**DEFINITIONS:**

**PROCEDURE:**

- Equipment
  - o *Isolaide Chamber.*
  - o Chair.
  - o Table.
  - o “E” cylinder of air or O<sub>2</sub>.
  - o N-95 Masks.
  - o Gloves.
  - o Medication nebulizer.
  - o Sputum collection system.
  - o Waste container.
- Chamber Operation
  - o To turn the unit on, rotate the variable speed control-on/off switch clockwise to the “high” setting.
  - o The U.V. light and pre-filters visual and audible alarms will activate. This is normal and within one minute the alarms and LED’s will deactivate.
  - o Rotate the on/off switch clockwise to the low setting (normal operating speed of the unit).
  - o There are printed instructions on the front control panel that also explain how to operate the unit.
  - o Sputum inductions (Refer to policy and procedure manual).

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- o Aerosolizing Pentamidine (Refer to policy and procedure manual).

Warning

- Never leave a patient unattended while in the *Isolaide* Chamber.
- Do not spray liquids onto or into the unit. To clean, wipe with hospital approved germicidal wipes – making sure to thoroughly wet the surface and observe the “contact time” stated on the label.
- When cleaning use your PPE: mask and gloves as the surfaces may be contaminated.

References:	
Approved by: Arnold Panganiban (Chief of Respiratory Therapy), Nikhil Barot ()	Date: 04/23/2019
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