



**DLSUMC**  
DE LA SALLE UNIVERSITY MEDICAL CENTER

*Nurturing your health*

# RESPIRATORY THERAPY SERVICES



SCAN TO INQUIRE  
ABOUT OUR SERVICES





Respiratory therapy is an allied healthcare field which provides treatment, detection, prevention, education, rehabilitation, and support for patients with pulmonary disorders.

### **Aerosol therapy or nebulization**

is administered to deliver breathing medication rapidly and directly into the airways. This is accomplished by breaking down the medications into a very fine mist so that it can be easily and effectively inhaled. It may use medications that help relieve bronchial spasm, improve bronchial hygiene, and humidify respiratory tract.

### **Arterial blood gas (ABG) test**

measures the acidity and the levels of oxygen and carbon dioxide in the blood from an artery. This test is used to check how well your lungs are able to move oxygen into the blood and remove carbon dioxide from the blood.

### **Pulmonary function testing (PFT)**

is used in evaluating the patient's lung capabilities. It is useful in differentiating obstructive from restrictive pulmonary disease.

- Obstructive Pulmonary Disease is characterized by the reduced ability to exhale gases due to premature bronchiolar collapse.
- Restrictive Pulmonary Disease is characterized by the reduced ability to inspire gases due to muscular weakness, pain, fibrous tissue and anatomical abnormalities.







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## Mechanical ventilation

is a life support treatment. It is a method of placing the patient on a mechanical ventilator, a machine that helps people breathe when they are not able to breathe on their own.

## Polysomnography (sleep test)

is an overnight test to evaluate sleep disorders. It includes monitoring of patient's airflow through the nose and mouth; blood pressure; electrocardiographic activity; blood oxygen level; brain wave pattern; eye movement; and respiratory muscle and limb movement.

### **DE LA SALLE UNIVERSITY MEDICAL CENTER RESPIRATORY THERAPY SERVICES**

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Open 24 hours (Some procedures may require scheduled appointments.)

[www.dlshsi.edu.ph/dlsumc](http://www.dlshsi.edu.ph/dlsumc)

