RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER

Infection Prevention and Control

TB Control Plan

SUBJECT: ENGINEERING CONTROLS	Policy No.:	IC300D
	Revision Date:	04/2022
	Reviewed:	04/2022
	Page:	1 of 1

Engineering Controls

The following are the minimum requirements for atmospheric isolation rooms:

- A minimum of 12 air exchanges (ACH) per hour
- Negative pressure in relation to the surrounding area
- Direct air exhaust to the outside or high efficiency particulate air (HEPA) filtration of any air which is re-circulated into the ventilation system.
- The ventilation system must be properly cleaned, maintained, and functional. It must be tested after installation, alteration, and maintenance, and at least annually to ensure it is functioning properly
- Records of each test must be kept for five years. All airborne precautions isolation areas must be identified and posted when in use as “Airborne Precautions Isolation or High-Risk Atmospheric Procedure.”

Rancho will use negative pressure rooms, with air exhausted directly to the outside or HEPA-filtered for recirculation, are used for Airborne Precautions isolation. Rancho’s airborne precaution isolation room has the ability to create negative pressure with a portable HEPA filtration system to meet federal, state and local requirements. When a TB case or a TB suspect is identified, notify Facilities Management immediately to create an airborne precaution isolation room.

The ventilation engineers in Facilities Management work closely with the Infection Prevention and Control Staff to assist in the control of airborne transmitted infections and will:

- Adjust air flow to create negative pressure in the atmosphere isolation room
- Install HEPA filter and change air flow to a continuous exhaust mode
- Monitor the direction of airflow from clean areas to less clean areas
- Monitor the room for negative pressure daily, i.e. via smoke check
- Monitor air exchange at least monthly to ensure it is at least 12 ACH
- Change HEPA filter according to manufacture instruction, at least once a year
- Document and maintain record of above air control activities.

AIRBORNE PRECAUTIONS ISOLATION

Per Facilities Management, the following inpatient rooms are the most efficient for Airborne Precaution isolation:

3 West	Room 6 13039
3 West	Room 7 13041
PACU	Room 2036