

Isolation Enclosures

ISOPORT™

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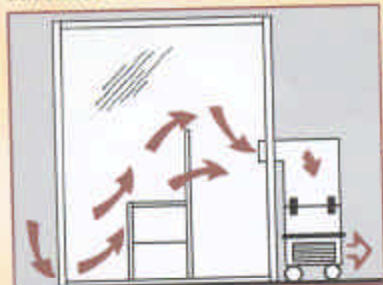
Applications

- Sputum Induction
- Administration of Aerosolized Medications
- Pentamidine Treatments

The ISOPORT™ is a heavy-duty vinyl enclosure that encapsulates the patient and isolates them in a negative pressure setting while aerosolized medications are being administered. For those procedures that involve instrumentation of the lower respiratory tract or induce coughing, there is an ever-increased risk that droplet nuclei are being expelled into the air and spread throughout the treatment room and facility on air currents. The ISOPORT will contain and remove these particles.

CDC Recommends Negative-pressure "Enclosures"

CDC says, "The risk may be higher in areas where patients with TB are provided care or where diagnostic or treatment procedures that stimulate coughing are performed. Nosocomial transmission of *M. tuberculosis* has been associated with close contact with persons who have infectious TB and with the performance of certain



procedures (e.g., bronchoscopy, endotracheal intubation and suctioning open abscess irrigation, and autopsy). Sputum induction and aerosol treatments that induce coughing may also increase the potential for transmission of *M. tuberculosis*."

CDC Recommends Isolation Rooms

CDC says, "If a bronchoscopy is being performed for the purpose of diagnosing pulmonary disease and that diagnosis could include TB, the procedure should be performed in a room that meets TB isolation ventilation requirements."

Since many facilities may not be equipped with either the necessary number of isolation rooms, or rooms which meet the CDC guidelines, or even have a room available when needed, the ISOPORT is an ideal optional location. The advantage of the ISOPORT is that it can be assembled virtually anywhere it is needed to perform procedures that must be rendered in a negative-pressure environment.



Typical Sizes	ISOPORT Air Changes Per Hour (ACH)			
	Cubic Feet	Low	Medium	High
W x D x H 3' x 3' x 7'	63	71	102	261
5' x 5' x 7'	175	43	62	86
6' x 8' x 7'	336	22	32	45