

4-1.3 DECISION NO. D-7

VENTILATING DESIGN FOR ISOLATION ROOMS

Issue:

Guidelines are needed to supplement the existing design criteria requirements for isolation rooms.

Decision:

The HFAC approved the following design criteria:

- Doors shall be provided between the corridor and anteroom, and between the anteroom and patient room.
- Air mixing devices in the patient room shall be designed to allow air to move from the supply air outlet located at or near ceiling level, across the occupied space, and then to the exhaust grille located at 150 millimeters above the finished floor.
- Germicidal ultraviolet lamps shall not be used as a supplemental method of reducing the concentration of infectious droplet nuclei. The effectiveness of such lamps has not been adequately evaluated to permit their being substituted for other engineering controls.
- Acquired Immune Deficiency Syndrome (AIDS) patients shall not be placed in positively pressurized protective isolation rooms.

These design criteria will be effective immediately.

Reference:

These design criteria will be incorporated in the updated Health Facilities Planning manual, Volume 2, Environmental and Room Layout Criteria.

Adopted by HFAC on August 4, 1993.

Gary Radtke, P.E.
Chairman, HFAC