



PROTECTIVE PRECAUTIONS



PRECAUCIONES PROTECTORAS

Family/Visitors should not visit if having signs or symptoms of an infection or a communicable disease. Visitation also based on facility's policy.

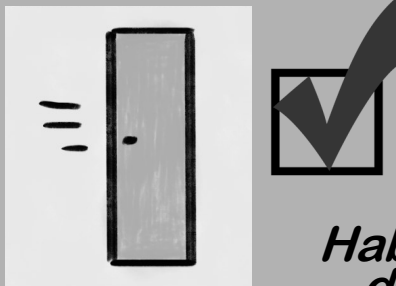
Los familiares y visitantes no deben visitar si tienen señales o síntomas de infección o de una enfermedad contagiosa. Las visitas también dependen de la política de la instalación.

Follow instructions below before entering room.
Antes de entrar a la habitación, siga las instrucciones a continuación.

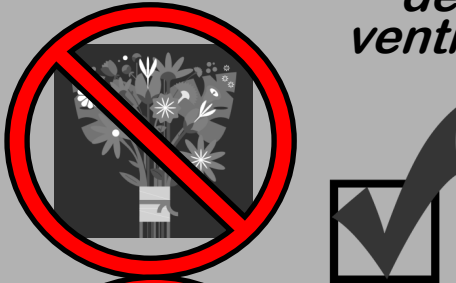
Everyone must: **Todos deben:**



Clean hands before entering and when leaving room.
Lavarse las manos antes de entrar y antes de salir de la habitación.



Well sealed private room with filtering, air flow, air pressure, and ventilation requirements (specified on back of sign)
Habitación privada bien sellada con requisitos de filtración, flujo de aire, presión de aire y ventilación (especificados en la parte posterior del letrero)



No dried or fresh flowers or potted plants.
No se permiten flores frescas o secas ni plantas vivas.



Do not enter if feeling unwell.
No entre si está enfermo.

Personal protective equipment may be required per Standard Precautions.

Es posible que se exija utilizar el equipo de protección personal según las precauciones estándar.

Protective Precautions

Remove sign after discontinuation of precautions.

A Protective Environment is designed for allogeneic hematopoietic stem cell transplant (HSCT) patients to minimize fungal spore counts in the air and reduce the risk of invasive environmental fungal infections.

Room Placement:

- Filter incoming air using central or point-of use high efficiency particulate (HEPA) filters capable of removing 99.7% of particles.
 - Ensure at least 12 air changes per hour (ACH).
- Direct room airflow with the air supply on one side or the room that moves air across the patient bed and exhausted on opposite side.
- Ensure positive air pressure in room and monitor daily with visual indicators (smoke tubes or flutter strips).
- Ensure room is well-sealed to prevent infiltration of outside air (including sealed walls, floors, ceilings, windows, electrical outlets-if leakage detected, locate source and repair).
 - Use self-closing doors on all room exits.

Personal Protective Equipment

- Alcohol based handrub or wash with soap and water if visibly soiled.
 - PPE indicated per standard precautions.
- After PPE removal, alcohol based handrub or wash hands with soap and water if visibly soiled.

Dishes/Utensils:

No special precautions. Should be managed in accordance with routine procedures.

Room Cleaning:

- Daily wet-dusting of horizontal surfaces using cloths moistened with EPA-registered hospital disinfectant/detergent (includes sprinkler heads). Avoid dusting methods that disperse dust.
- No carpeting in hallways and patient rooms. No upholstered furniture and furnishings. Use vacuum cleaner with HEPA filters when vacuum cleaning is necessary.

Trash and Linen Management:

Bag linen and trash in patient/resident room (double bagging of trash or linen is not necessary unless outside of bag visibly contaminated).

Transport:

Essential transport only. To prevent inhalation of fungal spores during periods when construction, renovation, or other dust-generating activities that may be ongoing in and around the health-care facility, it has been advised that severely immunocompromised patients wear a high-efficiency respiratory-protection device (e.g., an N95 respirator- if medically fit to tolerate) when they leave the Protective Environment. Clean and disinfect transport equipment. Alert receiving department regarding patient/resident isolation precaution status.

Other Special Precautions:

- Prohibit dried and fresh flowers and potted plants
- For patients requiring both a Protective Environment (PE) and Airborne Infection Isolation (AIIR), use an anteroom to ensure proper air balance relationships and provide independent exhaust of contaminated air to the outside or place a HEPA filter in the exhaust duct. If an anteroom is not available, place patient in an AIIR and use portable ventilation units, industrial-grade HEPA filters to enhance filtration of spores.

For additional guidance on protective environments, please see guidance:

<https://www.cdc.gov/infectioncontrol/guidelines/isolation/appendix/environment.html>