

	INODAYA Hospitals - Kakinada		Documentation code: INH/HIC.Doc.No:12
	Policy on Reduce the risk of infection during the constructions & renovations		Prepared date: 05/09/2023
	Reference: HIC .4.b. NABH Standards – 5 th Edition		Issue Date:05/09/2023
	Issue no: 02	Review No: 1	Review date: 04/09/2024

Policy on Reduce the risk of infection during the constructions & renovations

Adequate steps to be taken to reduce the risk of infection in the facility are discussed in the event of any demolition, construction and renovation. Construction and Renovation Policy and Procedure.

Purpose :

To reduce and control the risk of infections related to construction and renovations within the hospital environment.

To ensures timely notification to the Infection Control Committee for long range program planning efforts and short-term projects.

To provide an infection control evaluation of each project from conception through completion and support a systematic approach to project management.

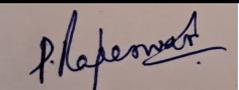
Scope :

These policies and procedures are applicable to the all-new constructions or renovations conducted on Hospital or facilities that may affect patients, employees, contracted workers, students or visitors.

Procedure :

Infection control risks, and interventions, must be considered in planning construction and renovation in the healthcare setting.

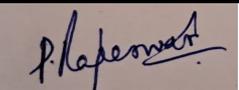
To ensure compliance with this policy, the Infection Control Office must be notified before any construction projects begin.

Prepared by: 	Verified by: 	Approved by: 
Dr.P.Rajeswari	Dr.D.N.S.Prakash	Mrs.G.Lakshmi Lavanya
Infection Control Officer	Medical Director	Chief executive Officer

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Planning Stages for Construction and Renovation:

- The Maintenance Manager shall submit list of scheduled project to the Infection control Committee, enabling the committee to be proactively aware of projects and to anticipate infection control needs.
- The Maintenance Manager shall submit an application for Infection Control Construction Permit to the Convener Infection Control Committee.
- The Infection Control Construction Permit shall assist staff members in assessing risks and identifying prevention strategies. The Infection Control Construction Permit shall assess the complexity of the project as a matrix of risk groups (patients and environment).
- The matrix grid of format immediately shall identify.
 - Construction and renovation plans should include adequate infection control practices (e.g. adequate number of hand washing sinks, appropriate traffic flow, appropriate ventilation and airflow, adequate number of isolation rooms).
 - Signatures of all parties, thus providing accountability for the mutually agreed upon plan.
- The Maintenance Manager shall be responsible for establishing internal and subcontractor coordination of
 - Construction preparation and demolition;
 - Intra construction operations and maintenance;
 - Project completion and post-construction cleanup;
 - Monitoring
- The Maintenance Manager in co-ordination with Infection Control Committee Convener shall determine if or how patient unit closure will occur

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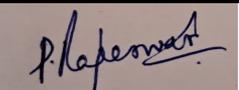
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- The Maintenance Manager shall plan for air handling and water systems/ plumbing as appropriate. The Maintenance Manager in coordination with Infection Control Committee Convener shall assess patient are risk assessment and criteria for emergency work interruptions
- The Maintenance Manager shall impart basic education to construction workers regarding infection control practices.
- The Maintenance Manager shall convey occupational health expectations for subcontractor before start, as needed.
- The Maintenance Manager and General Manager Operations shall determine traffic patterns for patients, health care workers, and visitors during renovation / construction.
- The Maintenance Manager shall ensure appropriate transport of debris and approval for disposal of waste materials.
- The Maintenance Manager shall be prepared for major utility failures with infection control implications, including location and responsibilities.
- ICT shall conduct rounds often as necessary and include a variety of observable “Indicators such as barriers (doors, signage), air handling (windows close), project area (debris, cleaning), traffic control, and dress code.
- When an outbreak associated with construction is suspected or identified, water or air sampling shall be done.
- After the end of construction / renovation process the Infection Control Committee shall conduct rounds and give approval for opening the area for patient and employee activities.
- The general scope of work must be presented to Infection Control in writing in order for an Infection Control risk assessment to be determined before the start of construction.

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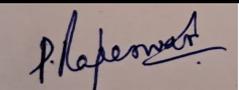
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- The handling of carpets during demolition must be considered a potential harbor of fungal infections. The following procedures must be performed in handling carpets :
 - Vacuum and / or clean carpets.
 - Use disinfectants recommended by the manufacturer on microbial contaminated area.

Construction and Renovation Stages :

- Monitor infection control practices during and after construction.
- Provide infection control education for construction workers before start of construction.
- Educate hospital personnel about the potential hazards regarding construction in their vicinity.
- Relocate immune suppressed patients to areas away from construction.
- Prevent / Limit disturbances to adjoining areas and / or patient care areas that may be affected by dust and other construction hazards.
- Redirect pedestrians away from construction hazards.
- Ensure appropriate cleaning of ventilation systems affected by the construction.
- Ensure terminal cleaning of ventilation systems affected by the construction.
- Ensure terminal cleaning of the construction areas before readmitting of patients.
- Ensure that water systems affected by construction are flushed prior to resumption of usage.
- Monitor patients for potential complications related to construction in their vicinity

Construction, Renovation, and Building Cleaning

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