

INFECTION PREVENTION & CONTROL PRE- CONSTRUCTION RISK ASSESSMENT

Project Install patient safety lifts Congregate Bathrooms 7ADate 02/10/17

| | |
|--------------------------------|---|
| <p>Step 1TYPE A</p> | <p>Inspection and Non-Invasive Activities. Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ removal of ceiling tiles for visual inspection limited to 1 tile per 50 square feet ▪ painting (but not sanding) ▪ wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection. |
| <p>TYPE B</p> | <p>Small scale, short duration activities which create minimal dust Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ installation of telephone and computer cabling ▪ access to chase spaces ▪ cutting of walls or ceiling where dust migration can be controlled. |
| <p>TYPE C</p> | <p>Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ sanding of walls for painting or wall covering ▪ removal of floorcoverings, ceiling tiles and casework ▪ new wall construction ▪ minor duct work or electrical work above ceilings ▪ major cabling activities ▪ any activity that cannot be completed within a single work shift. |
| <p>TYPE D</p> | <p>Major demolition and construction projects Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ activities which require consecutive work shifts ▪ requires heavy demolition or removal of a complete cabling system ▪ new construction. |

Step 2

Patient Risk Groups

| Low Risk | Medium Risk | High Risk | Highest Risk |
|--|--|--|--|
| <ul style="list-style-type: none"> Office areas Auditorium Meeting rooms Elevators Warehouse Laundry Chapel | <ul style="list-style-type: none"> Cardiology Echocardiography Physical Therapy Radiology Respiratory Therapy | <ul style="list-style-type: none"> Laboratories (specimen) Ambulatory care (MVAC/ Specialty) Pharmacy Domiciliary BVAC clinic | <ul style="list-style-type: none"> Any area caring for immunocompromised patients Sterile processing department Community living center units |

If more than one risk group will be affected, select the higher risk group

Step 3

Safety Matrix - Class of Precautions: Construction Project by Patient Risk & Project Type

| Patient Risk Group | TYPE A | TYPE B | TYPE C | TYPE D |
|--------------------|--------|--------|--------|--------|
| LOW Risk Group | I | II | II | III/IV |
| MEDIUM Risk Group | I | II | III | IV |
| HIGH Risk Group | I | II | III/IV | IV |
| HIGHEST Risk Group | II | III/IV | III/IV | IV |

Description of Infection Prevention Precautions by Class – Select applicable actions

| | During Construction Project | Upon Completion of Project |
|-----------|---|--|
| CLASS I | <ul style="list-style-type: none"> ❑ Execute work by methods to minimize raising dust from construction operations. ❑ Immediately replace a ceiling tile displaced for visual inspection ❑ Coordinate work with on-site staff to prevent noise or vibration issues | |
| CLASS II | <p>Provide active means to prevent airborne dust from dispersing into atmosphere.</p> <ul style="list-style-type: none"> ❑ Water mist work surfaces to control dust while cutting. ❑ Seal unused doors with duct tape. ❑ Block off and seal air vents. ❑ Place dust mat at entrance and exit of work area ❑ Remove or isolate HVAC system in areas where work is being performed. ❑ Coordinate work with on-site staff to prevent noise or vibration issues | <ul style="list-style-type: none"> ❑ Wipe work surfaces with disinfectant. ❑ Contain construction waste before transport in tightly covered containers. ❑ Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. ❑ Remove isolation of HVAC system in areas where work is being performed. |
| CLASS III | <ul style="list-style-type: none"> ❑ Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system. ❑ Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins. ❑ Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. ❑ Contain construction waste before transport in tightly covered containers. ❑ Cover transport receptacles or carts. Tape covering unless solid lid. ❑ Establish times that demo work would be most appropriate for the area, and adjacent areas if applicable, with Care/Service Line in which the work is being performed | <ul style="list-style-type: none"> ❑ Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department. ❑ Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. ❑ Vacuum work area with HEPA filtered vacuums. ❑ Wet mop area with disinfectant. ❑ Remove isolation of HVAC system in areas where work is being performed. |

CLASS IV

- ❑ Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.
- ❑ Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins.
- ❑ Maintain negative air pressure within work site utilizing HEPA equipped air filtration units.
- ❑ Seal holes, pipes, conduits, and punctures appropriately.
- ❑ Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site.
- ❑ All personnel entering work site are required to wear shoe covers. Shoe covers must be changed each time the worker exits the work area.
- ❑ Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Prevention Department and thoroughly cleaned by the owner's Environmental Services Department.
- ❑ Establish times that demo work would be most appropriate for the area, and adjacent areas if applicable, with Care/Service Line in which the work is being performed
- ❑ Supervisor prepared to meet with IC, Safety, and/or on-site staff to review problems with dust, noise, or vibration.
- ❑ Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.
- ❑ Contain construction waste before transport in tightly covered containers.
- ❑ Cover transport receptacles or carts. Tape covering unless solid lid
- ❑ Vacuum work area with HEPA filtered vacuums.
- ❑ Wet mop area with disinfectant.
- ❑ Remove isolation of HVAC system in areas where work is being performed.

Step 4: Identify the areas surrounding the project area, assessing potential impact.

| Unit Below | Unit Above | Lateral | Lateral | Behind | Front |
|-----------------|------------|---------------|---------------|------------|------------|
| HR/Vol. service | 7B | Patient Rooms | Patient Rooms | NA | NA |
| Risk Group | Risk Group | Risk Group | Risk Group | Risk Group | Risk Group |

Step 5: Identify specific site of activity e.g. patient rooms, medication rooms, clinics, etc.

Congregate Baths

Step 6: Identify any issues related to: ventilation, plumbing, electrical in terms of the occurrence of probable outages.

_____ **Probable electrical outages for installations. Limited and on auxiliary power**_____

Step 7: Identify Containment measures, using prior assessment. What types of barriers (e.g. solid wall barriers); will HEPA filtration be required?

_____ **Solid wall barrier on occupied areas.**_____

Step 8: Consider potential risk of water damage. Is there a risk due to compromising structural integrity? (E.g. wall, ceiling roof)

_____ **N/A**_____

Step 9: Work hours: Can or will the work be done during off shifts- evenings, nights, weekends?

_____ **Normal hours**_____

A Tuberculosis Risk Assessment is completed for Canandaigua VAMC annually.

Our current risk assessment identifies Canandaigua VAMC as a **low** risk facility.

TB screening for contractors working on this project **is not** indicated ☒

TB screening for contractor working on this project **is** indicated ☐

This project and specified Contractor/facility actions to reduce safety and health issues associated with the project to patients, visitors, and personnel has been reviewed

Infection Prevention Coordinator e/s *Catherine M Lucas* Date: 2/10/17

INFECTION PREVENTION & CONTROL PRE- CONSTRUCTION RISK ASSESSMENT

Project Install patient safety lifts Congregate Bathrooms 7BDate 02/10/17

| | |
|--------------------------------|---|
| <p>Step 1TYPE A</p> | <p>Inspection and Non-Invasive Activities. Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ removal of ceiling tiles for visual inspection limited to 1 tile per 50 square feet ▪ painting (but not sanding) ▪ wall covering, electrical trim work, minor plumbing, and activities which do not generate dust or require cutting of walls or access to ceilings other than for visual inspection. |
| <p>TYPE B</p> | <p>Small scale, short duration activities which create minimal dust Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ installation of telephone and computer cabling ▪ access to chase spaces ▪ cutting of walls or ceiling where dust migration can be controlled. |
| <p>TYPE C</p> | <p>Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ sanding of walls for painting or wall covering ▪ removal of floorcoverings, ceiling tiles and casework ▪ new wall construction ▪ minor duct work or electrical work above ceilings ▪ major cabling activities ▪ any activity that cannot be completed within a single work shift. |
| <p>TYPE D</p> | <p>Major demolition and construction projects Includes, but is not limited to:</p> <ul style="list-style-type: none"> ▪ activities which require consecutive work shifts ▪ requires heavy demolition or removal of a complete cabling system ▪ new construction. |

Step 2

Patient Risk Groups

| Low Risk | Medium Risk | High Risk | Highest Risk |
|--|--|--|--|
| <ul style="list-style-type: none"> Office areas Auditorium Meeting rooms Elevators Warehouse Laundry Chapel | <ul style="list-style-type: none"> Cardiology Echocardiography Physical Therapy Radiology Respiratory Therapy | <ul style="list-style-type: none"> Laboratories (specimen) Ambulatory care (MVAC/ Specialty) Pharmacy Domiciliary BVAC clinic | <ul style="list-style-type: none"> Any area caring for immunocompromised patients Sterile processing department Community living center units |

If more than one risk group will be affected, select the higher risk group

Step 3

Safety Matrix - Class of Precautions: Construction Project by Patient Risk & Project Type

| Patient Risk Group | TYPE A | TYPE B | TYPE C | TYPE D |
|--------------------|--------|--------|--------|--------|
| LOW Risk Group | I | II | II | III/IV |
| MEDIUM Risk Group | I | II | III | IV |
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| HIGHEST Risk Group | II | III/IV | III/IV | IV |

Description of Infection Prevention Precautions by Class – Select applicable actions

| | During Construction Project | Upon Completion of Project |
|-----------|---|--|
| CLASS I | <ul style="list-style-type: none"> ❑ Execute work by methods to minimize raising dust from construction operations. ❑ Immediately replace a ceiling tile displaced for visual inspection ❑ Coordinate work with on-site staff to prevent noise or vibration issues | |
| CLASS II | <p>Provide active means to prevent airborne dust from dispersing into atmosphere.</p> <ul style="list-style-type: none"> ❑ Water mist work surfaces to control dust while cutting. ❑ Seal unused doors with duct tape. ❑ Block off and seal air vents. ❑ Place dust mat at entrance and exit of work area ❑ Remove or isolate HVAC system in areas where work is being performed. ❑ Coordinate work with on-site staff to prevent noise or vibration issues | <ul style="list-style-type: none"> ❑ Wipe work surfaces with disinfectant. ❑ Contain construction waste before transport in tightly covered containers. ❑ Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. ❑ Remove isolation of HVAC system in areas where work is being performed. |
| CLASS III | <ul style="list-style-type: none"> ❑ Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system. ❑ Complete all critical barriers i.e. sheetrock, plywood, plastic, to seal area from non-work area or implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) before construction begins. ❑ Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. ❑ Contain construction waste before transport in tightly covered containers. ❑ Cover transport receptacles or carts. Tape covering unless solid lid. ❑ Establish times that demo work would be most appropriate for the area, and adjacent areas if applicable, with Care/Service Line in which the work is being performed | <ul style="list-style-type: none"> ❑ Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Control Department and thoroughly cleaned by the owner's Environmental Services Department. ❑ Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. ❑ Vacuum work area with HEPA filtered vacuums. ❑ Wet mop area with disinfectant. ❑ Remove isolation of HVAC system in areas where work is being performed. |

CLASS IV

- ❑ Remove or Isolate HVAC system in area where work is being done to prevent contamination of duct system.
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Step 4: Identify the areas surrounding the project area, assessing potential impact.

| Unit Below | Unit Above | Lateral | Lateral | Behind | Front |
|------------|------------|---------------|---------------|------------|------------|
| 7A | Attic | Patient Rooms | Patient Rooms | NA | NA |
| Risk Group | Risk Group | Risk Group | Risk Group | Risk Group | Risk Group |

Step 5: Identify specific site of activity e.g. patient rooms, medication rooms, clinics, etc.

Congregate Baths

Step 6: Identify any issues related to: ventilation, plumbing, electrical in terms of the occurrence of probable outages.

_____ **Probable electrical outages for installations. Limited and on auxiliary power** _____

Step 7: Identify Containment measures, using prior assessment. What types of barriers (e.g. solid wall barriers); will HEPA filtration be required?

_____ **Solid wall barrier on occupied areas.** _____

Step 8: Consider potential risk of water damage. Is there a risk due to compromising structural integrity? (E.g. wall, ceiling roof)

_____ **N/A** _____

Step 9: Work hours: Can or will the work be done during off shifts- evenings, nights, weekends?

_____ **Normal hours** _____

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Infection Prevention Coordinator e/s Catherine M Lucas Date: 02/10/17

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CLASS IV

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Step 4: Identify the areas surrounding the project area, assessing potential impact.

| Unit Below | Unit Above | Lateral | Lateral | Behind | Front |
|---------------------------|---------------|------------------|------------------|------------|------------|
| PT/audiology/ chaplain | 8B | Patient Rooms | Patient Rooms | NA | NA |
| Risk Group | Risk Group | Risk Group | Risk Group | Risk Group | Risk Group |

Step 5: Identify specific site of activity e.g. patient rooms, medication rooms, clinics, etc.

Congregate Baths

Step 6: Identify any issues related to: ventilation, plumbing, electrical in terms of the occurrence of probable outages.

_____ **Probable electrical outages for installations. Limited and on auxiliary power** _____

Step 7: Identify Containment measures, using prior assessment. What types of barriers (e.g. solid wall barriers); will HEPA filtration be required?

_____ **Solid wall barrier on occupied areas.** _____

Step 8: Consider potential risk of water damage. Is there a risk due to compromising structural integrity? (E.g. wall, ceiling roof)

_____ **N/A** _____

Step 9: Work hours: Can or will the work be done during off shifts- evenings, nights, weekends?

_____ **Normal hours** _____

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