

# Overton Brooks VAMC Infection Prevention & Control Construction Risk Assessment

*Reviewed & Still current  
8/28/16  
NI*

Project: 4 South Radiology Assessment Performed by: Vickie Moore Date: 1/28/2015

**Step One:** Using the following table, **CIRCLE** the Type of Construction Project Activity (Type A-D)

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

**Step Two:** Using the following table, **CIRCLE** the Patient Risk Groups that will be affected. If more than one risk group will be affected, select the higher risk group:

Low Risk	Medium Risk	High Risk	Highest Risk
<ul style="list-style-type: none"> <li>Office areas</li> <li>Kitchen storage area</li> </ul>	<ul style="list-style-type: none"> <li>Cardiology</li> <li>Echocardiography</li> <li>Endoscopy</li> <li>Nuclear Medicine</li> <li>Physical Therapy</li> <li>Radiology/MRI</li> <li>Respiratory Therapy</li> <li>Kitchen – food preparation area</li> </ul>	<ul style="list-style-type: none"> <li>CCU</li> <li>Emergency Room</li> <li>Laboratories (specimen)</li> <li>Medical Units</li> <li>Outpatient Surgery</li> <li>Pharmacy</li> <li>Post Anesthesia Care Unit</li> <li>Surgical Units</li> </ul>	<ul style="list-style-type: none"> <li>Any area caring for immunocompromised patients</li> <li>Cardiac Cath Lab</li> <li>Sterile Preparation &amp; Decontamination</li> <li>Intensive Care Units</li> <li>Negative pressure isolation rooms <b>pandemic influenza</b></li> <li>Oncology</li> <li>Operating rooms</li> </ul>

### IC Matrix - Class of Precautions: Construction Project by Patient Risk pandemic influenza

Patient Risk Group	Construction Project Type			
	TYPE A	TYPE B	TYPE C	TYPE D
<b>LOW</b> Risk Group	<b>I</b>	<b>II</b>	<b>II</b>	<b>III/IV</b>
<b>MEDIUM</b> Risk Group	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>
<b>HIGH</b> Risk Group	<b>I</b>	<b>II</b>	<b>III/IV</b>	<b>IV</b>
<b>HIGHEST</b> Risk Group	<b>II</b>	<b>III/IV</b>	<b>III/IV</b>	<b>IV</b>

*Vickie Moore  
Aug 28, 2016*

## Overton Brooks VAMC

### Modified Infection Control Precautions for Class III/IV Projects

Based on the Infection Control Risk Assessment of this construction/remodel project, the following activities are required.

#### 4 South Radiology Service

	<b>During Construction Project</b>	<b>Upon Completion of Project</b>
<b>CLASS IV</b>	<ol style="list-style-type: none"> <li>1. Complete all critical barriers i.e. sheetrock, plywood, to seal area from building tie location. No access to 4West hallway until absolutely necessary.</li> <li>2. Implement control cube method (cart with plastic covering and sealed connection to work site with HEPA vacuum for vacuuming prior to exit) when tie-in construction begins for access to 4West.</li> <li>3. Maintain negative air pressure within work site with filtration and pressure monitoring. Utilize HEPA equipped air filtration units if air is recirculated within the building.</li> <li>4. Seal holes, pipes, conduits, and punctures. <b><u>The following modified requirements are due to the limited access of the 4<sup>th</sup> floor construction area and the occupied status of basement, 1<sup>st</sup> and 2<sup>nd</sup> floors.</u></b> <del>5. 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 work site AND entering occupied areas.</del> <del>6. All personnel entering work site are required to wear shoe covers if returning to the occupied areas. Shoe covers must be changed each time the worker exits the work area into an occupied area.</del></li> <li>5. Construction Waste Transport               <ol style="list-style-type: none"> <li>a. Clean outside of waste transport container when visibly soiled.</li> <li>b. Waste removed through the facility <b>MUST</b> be in tightly covered containers before leaving construction area.</li> <li>c. Containers without tight fitting solid lids <b>MUST</b> have covering taped in place.</li> <li>d. Debris removal <b>MUST</b> utilize only the designated construction route.</li> </ol> </li> <li>6. Minimize construction worker traffic within the facility. <b><u>Worker traffic should be limited to the back stairwell ONLY.</u></b></li> <li>7. <b><u>Clean access stairwell entrance when visibly dusty.</u></b></li> <li>8. Block off and seal air vents if HVAC system is removed or isolated. Isolate HVAC system in area where work is being done if required to prevent contamination of adjacent areas.</li> <li>9. Place dust mat at entrance and exit of work area.</li> <li>10. Notify Infection Prevention &amp; Control immediately <b>PRIOR</b> to accessing the 4West hallway.</li> </ol>	<ol style="list-style-type: none"> <li>1. Wipe work surfaces with cleaner/disinfectant.</li> <li>2. Contain construction waste before transport in tightly covered containers.</li> <li>3. Upon completion, restore HVAC system where work was performed.</li> <li>4. Do not remove barriers from work area until completed project is inspected by the owner's Safety Department and Infection Prevention &amp; Control Department and thoroughly cleaned by the owner's Environmental Services Dept.</li> <li>5. Remove barrier material carefully to minimize spreading of dirt and debris associated with construction.</li> <li>6. Contain construction waste before transport in tightly covered containers.</li> <li>7. Cover transport receptacles or carts. Tape covering unless solid lid.</li> <li>8. Wet mop area with cleaner/disinfectant.</li> <li>9. Upon completion, restore HVAC system where work was performed.</li> </ol>

*[Handwritten signature]*  
1/28/14

**Maintain control measures until ALL work is completed.  
Exceptions must be approved by Infection Prevention on a case by case basis.**