UCSF Medical Center

Appendix A

Infection Prevention Risk Assessment and Infection Prevention Mitigation Plan including Preventive Measures Checklist for Medical Center Construction and Renovation

Instructions for Completing the Checklist

Table A describes the type of construction activity. The type of "Construction Activity" is first identified by selecting the level of activity that best describes the project being planned.

Table B identifies the "Population and Geographic Risk Group" that may be affected by the project because of its physical proximity or potential exposure to the activity.

Table C identifies the appropriate class of infection prevention measures by matching the construction activity with the population risk group. As indicated in Table C, the appropriate dust mitigation measures for the project are identified. A copy will be reviewed and approved by HEIP and filed by Design and Construction or Facilities Management for all Class III and IV categories. Adaptations to the prevention measures may be made only after approval has been provided by HEIP.

Construction compartment negative air monitoring

- A. If required for the project, negative air pressure must be monitored at all times during the duration of the project and documented daily by Design and Construction.
- B. If positive or neutral air pressure is identified, work must be suspended, barrier investigation must be completed, and negative air pressure restored before resuming work.
- C. When the option to vent the exhaust of the HEPA filter unit is determined either not to be feasible or necessary, the Project Manager in consultation with HEIP and Facilities Management may conclude that the HEPA unit be used as a "scrubber only".

A copy of the Infection Prevention Risk Assessment and Mitigation Plan must be sent to HEIP when matrix indicates Class III or Class IV preventive measures are required.

UCSF Medical Center

UCSF Benioff Children's Hospital

HOSPITAL EPIDEMIOLOGY AND INFECTION PREVENTION : Guidelines for Construction/Renovation/Demolition Projects and Environmental Control of INVASIVE FUNGAL INFECTION AND OTHER HOSPITAL ACQUIRED INFECTION

Infection Prevention Risk Assessment

Project # and Location:			Project Start Date:		Estimated Duration:					
Project Manager (PM):			Contractor(s):		Infection Preventionist (IP):					
PM's phone number:			Contractor's phone num	ber:	IP's phone number:					
Comments:										
Table A Type		nstruction Activity								
T .	Inspe		sive activities. These include, but are no	ot limite	d to:					
Type A	removal of ceiling tiles for inspection (up to 4 sq. feet)									
	movement of equipment, building structures, etc. for visual inspection									
		□ painting (but no	2,							
	putting up 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.									
	Small scale, short duration activities that create minimal dust. These include, but are not limited to:									
Type B			elecommunications cabling	These I	include, but are not initial to.					
51		\square access to chase s								
			or ceiling where dust migration can be c	ontrolle	d.					
					lition or removal of any fixed building components or					
Type C										
	\Box sanding of walls for painting or wall covering									
	removal of floor and wall coverings, baseboards, ceiling tiles and casework									
	new wall construction									
	□ minor duct work or electrical work above ceilings									
	□ major cabling activities									
			ch cannot be completed within a single v							
	Majo		ruction and renovation projects. These	e includ	e, but are not limited to:					
Type D		□ activities which require consecutive work shifts								
		•	n or removal of a complete cabling syste	m is req	uired					
Table D.D.		new construction								
GROUP		and Geographic Ris GROUP 2	GROUP 3		GROUP 4					
LOWEST R		MEDIUM RISK	HIGH RISK		HIGHEST RISK					
□ Office area	as	Lobby	Emergency Department		Il Critical Care areas					
Administra	ative	Cafeteria	□ Radiology/CT scan		Comprehensive Cancer Center					
areas		Clinical Labs	□ Labor and Delivery	$\Box P$	eri-operative areas (including PACU, L&D OR)					
Areas not			□ Well Baby Nurseries		terile Processing					
for patient			Pediatrics Med/Surg		Cardio-Pulmonary Acute Care Units					
care, patier			□ Nuclear Medicine		Cardiac Catheterization & Angiography areas					
holding or transport of			□ Admission/Discharge area		Dialysis areas					
transport of patients			□ Rehabilitation Therapy		npatient Oncology & Bone Marrow Transplant Units					
			Echocardiography		ndoscopy areas					
			General Medical/Surgical Units		harmacy admixture areas					
			□ Outpatient Care Clinics		ambulatory Surgery Center					
					ediatric Treatment Center					
Permit Reque	est By:		(PM)	Per	mit Authorized By: (ICP)					
Date:				Dat	e:					
<u>.</u>						-				

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Infection Control Risk Assessment and Infection Control Mitigation Plan including Preventive Measures Checklist for Medical Center Construction and Renovation

HOSPITAL EPIDEMIOLOGY AND INFECTION PREVENTION : Guidelines for Construction/Renovation/Demolition Projects and Environmental Control of INVASIVE FUNGAL INFECTION AND OTHER HOSPITAL ACQUIRED INFECTION

Infection Prevention Risk Mitigation Plan and Preventive Measures Checklist

Project # and Location		Project Start Date		Estimated Duration:		
Project Manager (PM):	Contractor(s):		Infection Preventionist (IP):		
PM's phone number:		Contractor's phone number:		IP's phone number:		
Please check the ICF	RM Plan for the project determ	ined by the ICRA				
CLASS I	 Execute work by method generating dust from con Immediately replace ceil visual inspection. 	nstruction operations.	d	Immediately remove incidental dust using HEPA vacuum or damp dusting. Clean work area upon completion of task.		
CLASS II (includes Class I) CLASS III (includes Class II) (includes Class II) Initial	 Obtain infection preven construction begins. Provide active means to dispersing into atmosphe Water mist work surface cutting. Seal unused doors with the Seal unused doors with the Facilities Mgmt. Wipe surfaces with disint Seal air vents and Isolate where work is being dor specifications. 	prevent dust from 8 ere 9 es to control dust while 9 gape. 1 ealing; consult w/ 1 affectant. 1 e HVAC system in area 1 riers or implement portable 9 onstruction begins. 9 aduits and penetrations 9 essure within work site 9	b C C C C C C C C C C C C C	Construction workers will vacuum clothes with HEPA Vacuum before leaving work area. Contain construction waste before transport in covered containers. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. Place adhesive walk-off mats inside work area (and outside of work area if safety allows). Ceiling or wall access outside construction zone may require separate enclosure (permit required). Do not remove barriers from work area is thoroughly cleaned. Vacuum work with HEPA filtered vacuum Wet mop with disinfectant. Remove barrier materials to minimize dirt and debris. Moisten construction waste before transport in covered containers. Air sampling required for work performed for Groups 3 and 4 populations and geographic risk groups meeting one of the following criteria: a. Projects lasting > 2 weeks duration b. Projects requiring repair of water damaged areas in which water damage has been present for >72 hrs. or unknown duration.		
CLASS IV (includes Class III) Initial CLASS IV space must be sealed 2. Construct vestibule a vacuum off in this ro cleaner before leavir can wear cloth or pa each time they leave 3. Continuous Differen		Pressure Monitoring 7 nd 4 populations and for Groups 3 and 4 phic risk groups.		o not remove barriers from work area until completed project is spected by Design and Construction or Facilities Management presentatives and thoroughly cleaned. Remove barrier material minimize dust and debris. pon completion of work, remove isolation of HVAC system in eas where work is being performed. Follow established occedures for re-starting HVAC or water. Il personnel entering work site are required to wear shoe cover noe covers must be changed each time the worker exits the worker. Date Initials		
I	L L	-				
Permit Request By:	(PM) Date: Permit Auth		zed B	By: (ICP) Date:		
		Permit Expirat	on Da	Date: (Permit expires 90 days from above date)		

Infection Control Risk Assessment and Infection Control Mitigation Plan including Preventive Measures Checklist for Medical Center Construction and Renovation



Table C: Construction Activity and Risk Group Matrix

CONSTRUCTION	TYPE	TYPE	TYPE	TYPE
ACTIVITY→	"A"	"B"	"C"	"D"
RISK LEVEL				
\downarrow				
Group 1	Class I	Class II	Class II	Class III/IV
Group 2	Class I	Class II	Class III	Class IV
Group 3	Class II	Class III	Class III/IV	Class IV
Group 4	Class III	Class III/IV	Class III/IV	Class IV

*Designation of Grouping for any location may be changed at the discretion of HEIP

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