Achieving Contractor Compliance with ICRA Requirements

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Achieving ICRA Compliance

Construction compliance tools

- Specifications
- Contract
- Payment
- Construction meetings
- Life Safety meetings
- Yelling, screaming, and threats
Achieving ICRA Compliance

Understanding of risk

• Contractor not aware of the infection control and indoor air quality issues involved with healthcare construction

• Providing education and training can make the contractor a partner, resource, and driver for infection control improvements hospital wide.
ICRA Training Basics

#1. Construction can kill

• Fatal outbreaks of aspergillosis have been associated with construction worldwide

• Construction disrupts air flow patterns and generates dust that can be fatal to some of our patients
ICRA Training Basics

#2. Dust can kill

All construction generates dust
Assume all dust contains *Aspergillus* mold spores
*Aspergillus* spores in dust can kill immune compromised patients
These patients are in hospital
#3. Dust moves
ICRA Training Basics

#4. Negative air flow saves lives

- Move air from clean to dirty
- Stay within excess HVAC system capacity (not too negative)
- Maintain 0.1” to 0.001”
- HEPA filter
- Exhaust outdoors
ICRA Training Basics

#5. Open ducts can kill

• Isolate and seal all open construction area ducts
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#6. Barriers save lives

- Construct physical barriers to keep dust in and people out
- Gypsum wallboard, melamine panels, and plastic sheeting
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#6. Barriers save lives

- Seal above ceiling spaces
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#7. Vibration impacts beyond the work area
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#8. Mold can kill

Contractors will find mold wherever there is water
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#8 Mold can kill

- Mold discovered during renovation of wet lab
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#8 Mold can kill

- Mold in building envelope during stucco reclad
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#9. Protect building products from the elements
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#10. Have a water response plan

- Know how to shut off the water
- Secure a qualified drying contractor
- Track down all leaks
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• #11. Anticipate water problems
ICRA Training Basics

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• #11. Anticipate water problems
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• #12. Wipe your feet
ICRA Training Basics

#13. Eat someplace else

• Clean up after yourself
ICRA Training Basics

#14. Be readily identifiable

- In terms of ICRA performance the contractor can be thought of as guilty until proven guilty

- Other vendors and facilities services are not as “visible” but may be the guilty party
ICRA Training Basics

- #14. Be readily identifiable
- Contractor?
- Cable vendor?
- Telephone vendor?
- Network vendor
- Facilities?
- Maintenance?
ICRA Training Basics

#15. Be a resource

• Contractor performance can motivate other hospital departments to improve their ICRA performance

• Aspergillosis rates reduced during 3 year gut and renovation of 4 floors of the Pacific Tower at the UWMC

Thank you

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