

**Infection Control Risk Assessment (ICRA)
For Healthcare Construction Activities**

**Sample Agenda
January 2019**

2 hours ICRA for Healthcare Construction: Background and the Process

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- Trends in Healthcare Building
- Infection Control 101 – What the construction management team needs to know!
 - Fungi (e.g., Aspergillus)
 - Waterborne bacteria (e.g., Legionella)
- History of ICRA in Healthcare Construction
 - Joint Commission and Other Regulatory Requirements
 - Meeting CDC Environmental Infection Control Guidelines
 - Meeting FGI/AIA Guidelines
- Engineering options for infection control
- Interim Life Safety
- Building an effective ICRA team
 - Who is on the team?
 - Roles & Responsibilities
- What should a good ICRA assess?
- Design Phase
- Pre-construction phase
- Construction
- Matrix approach to ICRA
 - Construction Types A, B, C, & D
 - Patient Risk Grouping
 - Classes of Precautions

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2 hours Practical Applications of ICRA Tools

- Containment
 - Local vs. Full Containment
 - Poly vs. Rigid barriers
 - Dealing with humidity, heat stress, noise & vibration issues
- Establishing and maintaining negative air pressure
- HEPA filtration
- Monitoring equipment and use
 - Magnehelic gauges vs. micromanometer vs. other
 - Ongoing real time vs. intermittent testing
 - Biological sampling - Pros & cons
 - Air sampling
 - Water sampling
- Best practices for internal vs. external construction:
 - Containment
 - Negative-air and HEPA filtration
 - Selecting and maintaining equipment
 - Signage

30 minutes Breakout Session / Final Q&A / Wrap up

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