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

BREAK
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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

ADJOURN