Barrier Management Symposium
An Executive Summary

Objective
Build & Maintain Safe Buildings

History
Details

• Emergency Exits
• Restrooms
• Mobile Phones...
Objective – Share Knowledge

• Barriers are for Safety – DIIM
  • Properly *Designed* and Specified
    – *Tested and Listed Systems* – Directories, Tables
    – *Specified*
  • Professional *Installation* Companies, Workforce
  • Properly *Inspected* – by Companies, Workforce
  • *Maintained* –
    – NFPA 101 - 2000 (TJC, CMS)
    – International Fire Code - IFC 2012 - Annually (Local)

• *Effective Compartmentation for Fire & Life Safety*
Barrier Management Symposium

• **World Travelled Faculty – Varies by Audience...**
  
  – Bill McHugh, FCIA
  – Rich Walke, UL, Testing, Barriers, Walls
  – Bill Koffel, Koffel Associates, Barriers
  – Nestor Sanchez, Gypsum Assoc., USG Corp.
  – Bill McHugh, FCIA – Firestopping
  – Paul Baillargeon, DHI – Fire Doors
  – Marc Sorge/Mark Belke, Greenheck – Fire & Smoke Dampers
  – Bill McHugh & Rich Walke, UL – Fire Rated Glazing
  – Bill McHugh, Barrier Management Systems
  – Don Murphy, Aedan Gleeson, FCIA
Barrier Management Symposium
It’s about Effective Compartmentation
“TOTAL FIRE PROTECTION”

Fire Resistance

• Effective Compartmentation
  – Fire Barriers, Fire Walls/Floors, Smoke Barriers
  – Firestopping, Fire Dampers, Swinging and Rolling Fire
    Doors, Fire Rated Glazing

• Detection & Alarm Systems

• Sprinkler Suppression Systems

• Education & Egress—
  – Building Owners & Managers, Building Occupants and
    Firefighters – Ingress/Egress
Summary

• **Leadership** must be **aware**
  – Physical environment fails clinical needs cannot be met

• Barriers Systems Essential to Protect Occupants, Students, Staff, Patients

• Penetrations and Door Failures =
  – 22% of 2014 TJC Findings
#5 LS.02.01.30  50%

- The hospital provides and maintains building features to protect individuals from the hazards of fire and smoke.
  - **EP2** Hazardous Areas
    - Door issues – self-closing/positive latching
    - Improper construction and maintenance of area
  - **EP 11** Corridor Doors
  - **EP 18** Smoke Barrier Penetrations
  - **EP 23** Smoke Barrier Doors
• Building and fire protection features are designed and maintained to minimize the effects of fire, smoke, and heat.
  – EP 5 Door issues
  – EP 9 Fire Barrier Penetrations
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