Fire Safety

for Medical Staff Office (MSO), Residents, Medical Students and Nursing Students

Environmental Health & Safety, 4-6783
https://ehs.stonybrook.edu/programs/healthcare-safety

Safeguards in the Event of a Fire

- Know the location of the manual pull stations to activate the fire alarm.

- Know the location of the nearest fire extinguishers in your work area.

- Never block fire or smoke doors. These close automatically on fire alarm activation.

- For additional information, refer to Admin Policy EC0072, Fire Plan.

What to do if you see fire or "visible" smoke?

Follow the **RACE** Procedure

- ## R - Remove
  - Remove anyone from immediate danger, clear the corridor, and close all doors
- ## A - Alarm
  - Activate a pull station and call 911 to report exact location and magnitude of the situation (Offsites – call 911)
- ## C - Confine
  - Confine the fire by closing all doors especially the fire room
- ## E – Evacuate/Extinguish
  - Evacuate persons from fire compartment
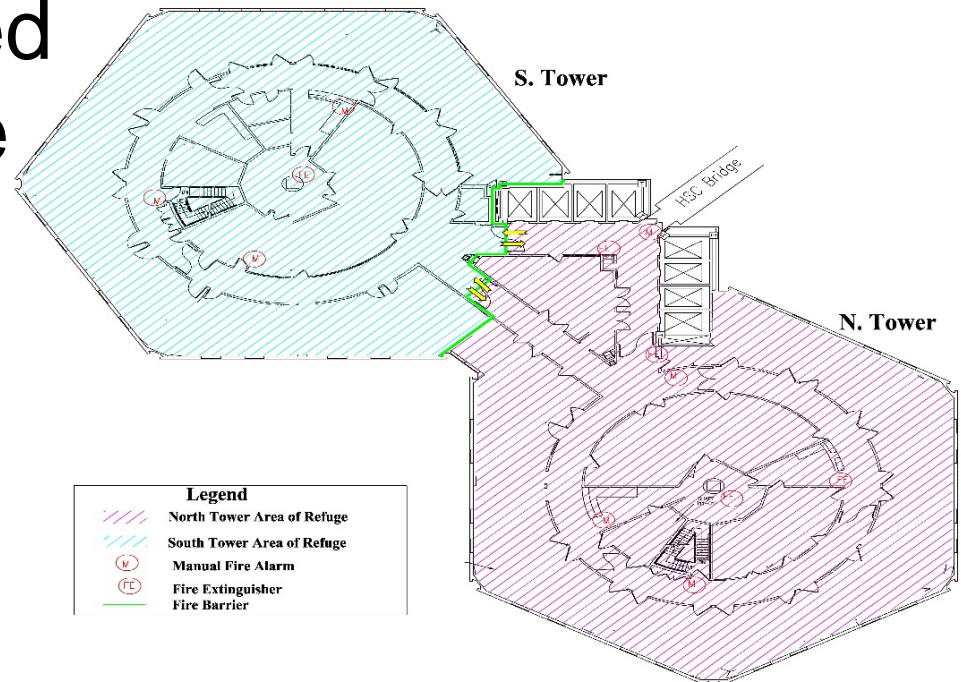 - If it is safe to do so, utilize a fire extinguisher

  NOTE: Refer to evacuation plans posted in unit for fire compartment location and fire plan information.

- North and South Towers are separated by fire doors and fire walls

T11 FIRE EVACUATION PLAN

S. Tower

HSC Bridge

N. Tower

Legend

- North Tower Area of Refuge
- South Tower Area of Refuge
- Manual Fire Alarm
- Fire Extinguisher
- Fire Barrier

- Each tower is an evacuation area of refuge, divided by the green line which is a fire barrier
- For fires in either tower, evacuate patients past the smoke barrier to the other tower.
- Stage in the area of refuge until fire area is declared safe or further evacuation is deemed necessary by the incident commander

On Network levels 4, 5, & 6 – look for Smoke or Fire Door sign on door to locate adjacent area of refuge

Evacuate to Area of Refuge (Smoke/Fire Doors)

Moving patients from one smoke compartment to another on the same floor puts them into **"areas of refuge"**
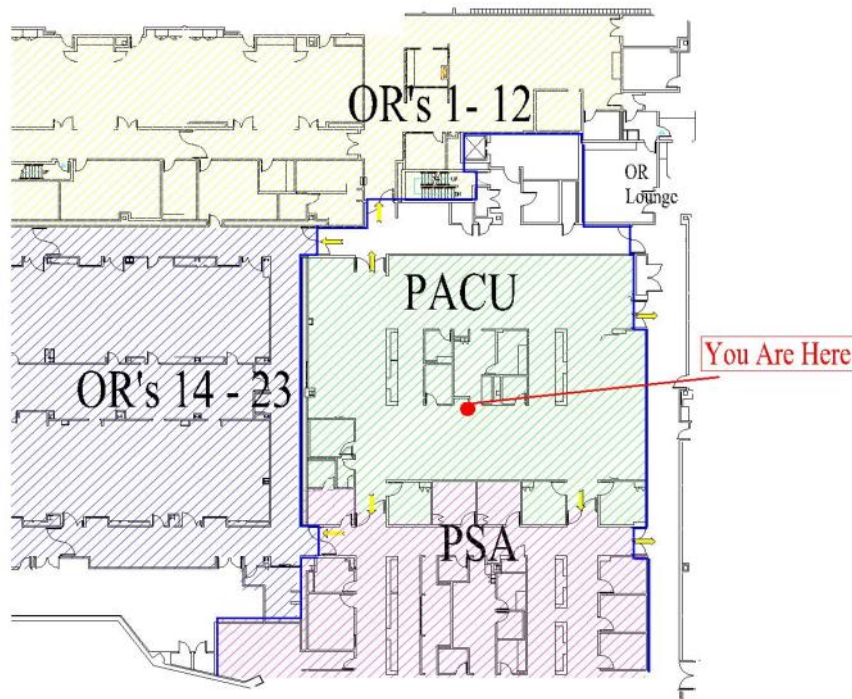
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❖ Moving patients to other floors or from the building is a last resort

❖ This is done in coordination with the fire department

PACU Fire Evacuation Plan

- Depending on fire location, evacuate patients to adjacent smoke compartment, defined on drawing by blue lines wich are fire rated barriers.
    -- To OR's 1 - 12
    -- To OR's 14 -23
    -- To Main corridor
- Stage in area of refuge until the Incident Commander (IC) deems area is safe to return to.
- If further evacuation is necessary, move past next marked barrier.
- Full evacuation to the outside is a last resort and will be by the order of the I.C.

Each area has an EVACUATION PLAN posted.

Find and become familiar with your area's plan

– **In most cases the ELEVATORS will operate normally during a general fire alarm.**

NEVER use an Elevator

during a Fire Alarm

– **If an elevator lobby detector activates, the elevators will return to level 5 and go into a standby mode for FD use.**

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Manual Pull Stations

➢ Activation will sound alarm as well as notify University Police (UPD) who notifies the FD.

➢ Utilize this device when you have a visible smoke or   fire condition.

➢ Know locations of pull stations

- – Fire and/or "visible" smoke; call 911, notify operator of "Code Red" and provide location
- – If you have a fire in a patient's room and have to evacuate the patient, call out "Code Red" for someone to activate the fire alarm. <u>Do not</u> call out "Fire!"
  - If you hear "Code Red" called out, pull fire alarm and call 911, giving your location for the code red.

CODE GREEN

Indicates that the emergency is over and normal activities may continue

"CODE GREEN"

Will be announced over the PA system 3 times.

Fire Alarm Signaling Method

Pre-Recorded Voice Messages

Based on area of alarm activation, fire alarm will broadcast a voice recorded message stating Code Red with the area in alarm.

Example announcement of fire alarm originating on T18 south:

❖ T18 N&S: Strobes flash, alert tone sounds followed by announcement:

"**Code Red 18 south**"

❖ T17 N&S: Chimes sounds followed by announcement:

"**A Code Red is being investigated on 18 South**"

❖ T19 N&S: Chimes sounds followed by announcement:

"**A Code Red is being investigated on 18 South**"

Note: Fire alarm strobes will be activated in area of alarm only until the code green is called.

Fire alarm strobe

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All departments must have a designated Fire Warden and alternate for each work shift.

Fire Wardens who attend training learn to:

- assist in search for location of fires
- report this information to emergency personnel
- guide patients, staff and visitors to safe areas during an alarm or actual fire.

Contact your supervisor to volunteer as a Fire Warden.

All Medical Staff will react to any fire or fire alarm

– Assist nursing staff and be under direction of Fire Warden or Charge Nurse

– Clear halls, close doors, evacuate patients (patient evacuation not necessary for fire alarm w/no fire/smoke present)

– Remain in evacuation area, providing care to evacuated patients

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Keep doors clear

Don't store materials in stairwells

Close all doors to confine the fire

Types of Extinguishers

Dry Chemical Extinguishers

(ABC extinguishers)

are used for all types of fires:

- Class A (combustibles)

- Class B (flammable liquids)

- Class C (electrical equipment)
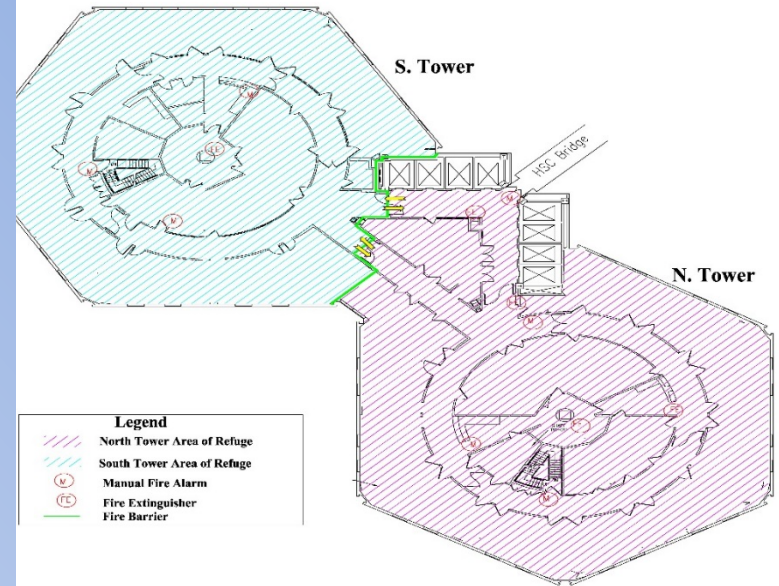
Know locations of your nearest extinguishers!

Extinguish or Evacuate

Close doors behind you!

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Use a portable fire extinguisher only if the fire is small and can be brought under control using **one** extinguisher!

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Pull the Pin & stand back 6-10 feet.

Aim nozzle at the base of the fire.

Hit the fuel not the flames!

Squeeze the handle to depress the button and release the agent.

Sweep nozzle from side to side until completely out. Keep an eye on it in case it re-ignites.

- **Secured** in a rack or holder
- **Segregated** – Empty or Full/Partially Full
- Location **Labeled** – Empty or Full/Partially Full
- To **no more than 12 total** in a smoke compartment

For more information: Admin EC0028, Compressed Medical Gases

Never leave a gas cylinder unsecured!

Cylinders, if handled improperly, could be propelled with enough force to blast through a wall.

Proper Oxygen Cylinder Transport on a Wheelchair

■ **Zone valves shut off flow of O2 to designated rooms**

■ **Assess situation:**

　■ **What are patient needs?**

　■ **Is fire fed by O2?**

KNOW YOUR VALVE LOCATION

Anyone can shut valve after determining that patients served by that zone will not be adversely affected by oxygen shutoff

Questions or Comments?

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➢ Contact EH&S at 4-6783.

  ➢ Ask to speak to a staff member in the Healthcare Safety team!

➢ Email us at *ehsafety@stonybrook.edu*

➢ Review Admin and EH&S P&Ps on hospital intranet under "Resources".

➢ For additional reference material go to: https://ehs.stonybrook.edu/programs/healthcare-safety

What does the fire alarm signal of bells followed by code red announcement indicate?

a. Full building evacuation is required

b. Fire alarm is in another area and be prepared for evacuation

c. Fire alarm is in your area: follow RACE

Answer: C

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Answer: C

If you observe a fire in a patient's room and need to evacuate the patient, you should also:

a. Call out "Code Red" for someone to activate the fire alarm

b. Call out Code Green for someone to activate the fire alarm

c. Do nothing. You have already done all that is expected of you.

Answer: A

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