

### **Duke Occupational & Environmental Safety Office**

www.safety.duke.edu

919.684.2794

On the OESO website, you will find:

- Safety manuals, including BBP and TB exposure control plans
- Site-specific fire plans
- (Material) Safety Data Sheets ((M)SDS resources)
- Information on safety hazards in clinical work areas
- Additional safety& environmental training





# **Duke University Hospital Emergency Codes**

Emergency Management Plan - Activation	Code Triage
- Standby	Code Triage Standby
Hazardous Materials	Code Orange
Medical Emergency	Code Blue
Fire Alarm	Code Red
Missing Infant/Child	Code Pink
Security Alert	Code Gray
Utility /Communication System Failure	Code Black
ED Critical Saturation	Code Purple





LIFE

8/03

### **Know Your Fire Alarm**

- CODE RED
  - DUH & DHRH use a 4-digit code system

ting off oxygen zone valves

- DRH also uses a code system
- Fire Safety code & evacuation plans are found in the unit/department fire plan

#### IN CASE OF FIRE My Life Safety System I. Remove all persons in danger Numbers are: 2. Activate manual alarm/dial 911 3. Close all doors and/or windows Device Fire 4. Extinguish fire Zone **ELECTRICAL SAFETY** 0-9 · RED outlets provide alternate power during emergencies MEDICAL CENTER ♦ Frayed cords-take out of service **EMERGENCIES** ♦ Electrical shorts/fires-disconnect the plug **OXYGEN USAGE** · Oxygen increases ignition and speed of fire · Signs should be used to indicate Chemical Spill......911 oxygen use & storage location · Use caution in or around oxygen Cardiac.....115 enriched atmospheres. Poison......I-800-848-6946 In case of fire in patient room, shut off room oxygen if possible **OESO FIRE SAFETY DIVISION** ♦ The Charge Nurse or Respiratory Box 90427 Therapist is responsible for shut-684-5609

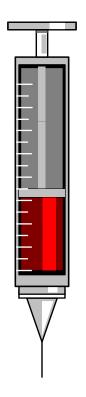




### Risk of Infection from a Needlestick



1 / 3 chance of contracting Hep B if stuck with a Hep B-infected needle



Hepatitis B virus is a major infectious occupational hazard to health care workers because it is possible to transmit in the workplace. The good news is that there is a very effective vaccine that will protect you if you expect to have contact with human blood or body fluids. The hepatitis B vaccine is <a href="strongly">strongly</a> recommended.





# Needlestick? Cut? Splash to Face? REPORT IT......

#### **Duke University Hospital:**

-DUH Employee Exposure Hotline:

**Dial** 115

**-Off-site:** 919.684.8115

#### **Durham Regional Hospital:**

-DRH Employee Exposure Hotline

919.684.8115

-DRH Employee Health

7:30 am - 4:30 PM

-DRH Emergency Room

After hours

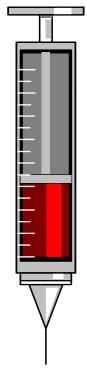
#### **Duke Health Raleigh Hospital:**

-DHRH Employee Health

7:30am - 4:00pm

-Clinical Administrator

After hours 919-954-3292







# Standardized Isolation Signage

- North Carolina has a "voluntary" unified color scheme for isolation signage for use in acute care hospitals, rehabilitation and longterm care facilities, and ambulatory/surgical centers.
- Duke University Health System has adopted this signage, which follows on the next slides.
- The categories for Transmission Based Precautions are:
  - Droplet
  - Contact
  - Airborne
  - Special Airborne
  - Protective





# **DROPLET Precautions**







### **CONTACT** Precautions



VISTORS MUST REPORT TO NURSING STATION BEFORE ENTERING.



PERFORM HAND HYGIENE before entering and before leaving room.



WEAR GLOVES when entering room or cubicle.



WEAR GOWN when entering room or cubicle.



Use patient-dedicated or single-use disposable shared equipment or clean and disinfect shared equipment (BP cuff, thermometers) between patients.

#### PRECAUCIONES DE CONTACTO

Los visitantes deben presentarse primero al puesto de enfermeria antes de entrar. Lávese las manos. Póngase guantes al entrar al cuarto.



VISTORS MUST REPORT TO NURSING STATION BEFORE ENTERING.



#### **SPECIAL ENTERIC**

PERFORM HAND HYGIENE before entering room and wash hands with soap and water before leaving room.



WEAR GLOVES when entering room or cubicle.



WEAR GOWN when entering room or cubicle.



Use patient-dedicated or single-use disposable shared equipment or clean and disinfect shared equipment (BP cuff, thermometers) between patients.

#### PRECAUCIONES DE CONTACTO

Los visitantes deben presentarse primero al puesto de enfermeria antes de entrar. Lávese las manos con. auga y jabon. Póngase guantes al entrar al cuarto.



# **AIRBORNE** Precautions







# **SPECIAL AIRBORNE/CONTACT** Precautions

CDC-recommended for use with:

- SARS
- a novel influenza strain
- other highly infectious respiratory diseases





Visitors, including family, must not enter—report to Nursing Station.

#### **HEALTH CARE WORKERS MUST WEAR**

- N95 Respirator (prior fit test required)
- Gloves
- Gown
- Protective eyewear (you must wear goggles for aerosol–generating procedures)

Reminder: HAND HYGIENE must be performed before entering the room and following removal of PPE and leaving the patient's room.





# **PROTECTIVE** Precautions

The Protective Environment (PE) is recognized by the CDC for patients with allogeneic hematopoietic cell transplants only.

Protective or Reverse Isolation precautions have not been demonstrated to be efficacious for other patient populations (i.e. long-term steroid use).

# ATTENTION/ATTENCIÓN PROTECTIVE PRECAUTIONS Visitors must report to Nursing Station before entering. Perform hand hygiene before entering and before leaving room No persons with infections may enter No dried or live plants or flowers No non-peelable fresh fruits or vegetables Wear Gown PRECAUCIONES DE PROTECCIÓN Los visitantes deben presentarse primero al puesto de enfermeria antes de entrar. Lávese las manos. No entren personas con infección. No entren con plantas vivas ni alimentos.





**REMINDER: To ensure patient confidentiality/privacy, on personal networking sites/pages** (Facebook, MySpace, Twitter, blogs, LinkedIn, YouTube postings, Instant Messaging, etc.), **students cannot:** 

- •Post or discuss DUHS patients or any detail of their training activity at DUHS such as:
  - •Discuss their day at work that includes events that happen on the unit or department, e.g., had a bad day because one of my patients died
  - •Participate in any online conversation with patients or regarding patients
- Post or discuss any PHI (Protected Health Information)
- •Communicate with specific patients about their condition/treatment even if the patient initiates communication on-line
- •Communicate with the instructor, other students, friends, family, etc. about your training at DUHS and DUHS patients

Even when not on-line, students cannot discuss patients or patient information with family, friends, or others not involved in the patient's care.

If students have questions or concerns regarding privacy and social networking sites, they should contact their preceptor/instructor or the DUHS Compliance Office at 668-2573, or they may the contact the Duke Medicine Integrity Line at **1-800-826-8109** for anonymous and confidential reporting.

