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

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<tbody>
<tr>
<td>Hazardous Materials</td>
<td>Code Orange</td>
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<td>Medical Emergency</td>
<td>Code Blue</td>
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<tr>
<td>Fire Alarm</td>
<td>Code Red</td>
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<td>Missing Infant/Child</td>
<td>Code Pink</td>
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<tr>
<td>Security Alert</td>
<td>Code Gray</td>
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<td>Utility /Communication System Failure</td>
<td>Code Black</td>
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<td>ED Critical Saturation</td>
<td>Code Purple</td>
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Know Your Fire Alarm

- **CODE RED**
  - DUH & DHRH use a 4-digit code system
  - DRH also uses a code system

- Fire Safety code & evacuation plans are found in the unit/department fire plan
Risk of Infection from a Needlestick

Hepatitis B –

\[
\text{1/3 chance of contracting Hep B if stuck with a Hep B-infected needle}
\]

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 strongly 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 long-term 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

STOP PRECAUTIONS

Visitors must report to Nursing Station before entering.

☑ Perform hand hygiene before entering and before leaving room

☑ Wear mask when entering room
Visitors and health care workers

PRECAUCIONES DE GOTAS DIMINUTAS

Los visitantes deben presentarse primero al puesto de enfermería antes de entrar. Lávese las manos. Póngase mascarilla al entrar al cuarto. No debe entrar el dietista.
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 enfermería antes de entrar. Lávese las manos. Póngase guantes al entrar al cuarto.

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 enfermería antes de entrar. Lávese las manos con agua y jabón. Póngase guantes al entrar al cuarto.
AIRBORNE Precautions

**AIRBORNE INFECTION ISOLATION PRECAUTIONS**

Visitors must report to Nursing Station before entering.

- **Perform Hand Hygiene** before entering and leaving the room.
- **Wear Appropriate Respiratory Protection** either N95 mask or PAPR when entering room. Visitors see nurse for instruction on proper use.
- **Keep Door Closed** at all times.
- Dietary may not enter. No debe entrar el dietista.

**PRECAUCIONES AMBIENTALES**

Los visitantes deben presentarse primero al puesto de enfermería antes de entrar. Lávese las manos. Póngase mascar N95 con filtro al entrar al cuarto. Mantenga puerta cerrada. No debe entrar el dietista.
SPECIAL AIRBORNE/CONTACT Precautions

CDC-recommended for use with:

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

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).

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- 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 Mask**
- **Wear Gown**

**PRECAUCIONES DE PROTECCIÓN**
Los visitantes deben presentarse primero al puesto de enfermería 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 contact the Duke Medicine Integrity Line at **1-800-826-8109** for anonymous and confidential reporting.