

#### **Visiting Advanced Practice Student**

1. Preceptor and De Contract in place	epartment:		
2. Student Demogra	aphic Information:		
Last Name	Maiden Name	First Name	Middle Initial
Residence Address	City	State	Zip Code
School and degree program (	that you are currently e	enrolled in)	
Telephone Number	Email (required)		Social Security Number
Date of Birth	Place of Birth	Citizenship	Degree(s) Earned
Emergency Contact Name	Emergency Contact	Phone Number	Emergency Contact Relationship

#### **PRIVACY AND SECURITY**

#### "What you need to know"

- ✓ Who is responsible for protecting the confidentiality of patient information
- ✓ How to protect patient information

#### 1. Understanding Your Responsibility

**a.** All individuals affiliated with Upstate Medical University in an employed or non-employed status have a responsibility to protect the privacy and security of all confidential patient information using appropriate safeguards to ensure the information is available when needed for patient care, but protected from inappropriate access, use, and disclosure.

#### 2. PROTECTING PATIENT PRIVACY

- **a.** Ask patients permission to discuss patient information in front of, or with, the patient's family, friends, or visitors.
- **b.** Limit discussions of confidential information in public areas such as, for example, the cafeteria, elevators, and hallways and use reasonable safeguards to minimize chance others can overhear.
- **c.** Use reasonable safeguards when discussing information with a patient in a semi-private area, such as pulling the curtain between beds, closing the door to the room, asking the other patient's visitors to step out of the room, speaking to the patient at the bedside using a lowered voice volume, and taking the patient to a private area if possible.
- **d.** Always verify that anyone asking for patient information is entitled to receive it for a permitted use
- **e.** Papers containing patient information must be disposed of properly SHRED it when no longer needed.
- **f.** Always verify the recipient's fax numbers before sending paper fax correspondence and verify receipt by checking the transmittal report.
- **g.** DO NOT use personal electronic devices (i.e. cell phone, tablet, etc.) to take pictures of patients or their information.
- **h.** DO NOT post or discuss patient-related information on social networking sites even if the patient is the only person who may be able to identify him or herself based on the posted information.
- i. Remember to keep anything you see or hear private and do not share with individuals outside Upstate University Hospital!
- **j.** Report anything you see or hear that could be a violation of patient privacy to the Upstate University Hospital Privacy Office at:

Downtown Campus and Community Campus-Cynthia Nappa, 315-464-6135 or <a href="mailto:nappac@upstate.edu">nappac@upstate.edu</a>

Name (Please Print):	Da	te:
Signature:		

Tracker Code: HIPAA-H

#### UPSTATE MEDICAL UNIVERSITY CONFIDENTIALITY AGREEMENT

Printed Name: Signature:		SUN Date	IY Employee ID#: e:		
Employee:	Non-Employee:	Nursing Service:	MedBest	Student	

IMPORTANT: Please read all sections. If you have any questions, please ask before signing.

#### 1. Confidentiality of Patient Information

I understand and acknowledge that: (i) services provided to patients are private and confidential; (ii) to enable such services to be performed, patients provide personal information with the expectation that it will be kept confidential and used only by authorized persons as necessary; (iii) all information provided by patients or regarding services provided to patients, in whatever form such information may exist, including oral, written, printed, photographic and electronic formats (collectively, the "Confidential Information") is strictly confidential and is protected by federal and state laws and regulations that prohibit its unauthorized use or disclosure; and (iv) in the course of my employment/affiliation with Upstate Medical University ("Upstate"), I may be given access to certain Confidential Information.

#### 2. Disclosure, Use and Access

I agree that, except as authorized in connection with my assigned duties, I will not at any time use, access or disclose any Confidential Information to any person (including but not limited to co-workers, friends and family members). I understand that this obligation remains in full force during the entire term of my employment/affiliation and continues in effect after such employment/affiliation terminates.

#### 3. User Accounts, Passwords, and Electronic Signatures

I agree that: (i) any unique access codes provided to permit my access to electronic systems will not be shared with any other individual and shall be kept secure and confidential; (ii) all electronic transactions are logged and subject to periodic audit; (iii) violation of laws, policies or this agreement may result in termination of access and other sanctions; and (iv) I certify that affixing my electronic signature to sign and authenticate electronic documents and entries is my intentional method of authenticating information and has the same effect as my legal handwritten signature.

#### 4. Return of Confidential Information

Upon the termination of my employment/affiliation for any reason, or at any other time upon request, I agree to promptly return to Upstate or my employer all copies of business, administrative, and patient confidential information that is individually identifiable in my possession or control (including all printed and electronic copies), unless retention is specifically required by law, regulation or for special issues as outlined in the Upstate University Hospital Administrative Confidentiality Policy.

#### 5. Periodic Certification

I understand that I may be required to periodically certify that I have complied in all respects with this Agreement, and I agree to so certify when requested.

#### 6. Violations

I understand and acknowledge that: (i) the restrictions and obligations I have accepted under this Agreement are reasonable and necessary in order to protect the interests of patients, Upstate and my employer (if different from Upstate); and (ii) I am required to comply with laws and regulations and (iii) my failure to comply with this agreement in any respect could subject me to penalties by both Upstate as well as third parties. Penalties include but are not limited to disciplinary measures up to and including termination of employment or affiliation, and the imposition of civil or criminal penalties.

FM27 REV 01/2015 Oracle Tracker Code: CONFIDAGR

# UPSTATE VISITING STUDENT ACCOUNT REQUEST FORM\*

The following information must be completed to request access to information for every Upstate Visiting student that is taking a SUNY Upstate elective or participating in a clinical experience in University Hospital. This form must be completed for students whose role responsibilities require access to electronic information according to the following:

- Students taking a SUNY elective: completed by the Registrar (confirming the student's acceptance into SUNY Upstate Medical University), and signed by the Dean of Students or designee.
- Students hosted by a faculty member: completed by the precepting faculty member and signed by the Department Chair.
- Students engaged in a clinical/administrative rotation in University Hospital: completed by Clinical Preceptor and signed by the Department Director.
- Students hosted by a SUNY Upstate Campus Department: completed by the precepting employee and signed by the Department Director

PLEASE PRINT					
First Name	Middle Name	I.ast Name	Upstate ID#		
SUNY Upstate College/Department Name		Dean/Department C	Dean/Department Chair/Department Director		
Affiliated College/Educational Institution		Access Period	······································		
		From:	to:		
	tment Chair/Department D ired for the student to comp		Student must indicate the systems and work:		
Systems  ☐ Blackboard Tra	aining System 🗆 Epic 🗀 C	Chartmaxx 🗆 Groupwise	Email		
$\square$ PACS $\square$ Othe	r (Please describe):	to state to			
Purpose  ☐ Clinical ☐ Ot	her (Please describe):				
			vidually Identifiable Health ms/documents/F82285.pdf)		
Name of Person	n Completing Form:	21 APA 1			
Signature:			Date:		
I hereby acknown Upstate Medica Hospital Visitor for the perform	nl University visiting studen ers or SUNY Upstate Camp	account request form the a at according to University lous Policy Campus Visitors sibilities, and that a SUNY	above-named person is a SUNY Hospital Administrative Policy V-06 s, requires this/these account(s)  Y Affiliation Agreement has been		
Dean/Department C	hair/Department Director's Nar	me: (Please print)			
Dean/Department C	hair/Department Director's Sign	nature:			
Date					

Fax completed form to 464-4081 or return to IMT, WW Suite 200

Refer to (C-28 Clinical & Administrative System Security Access CAIS and Use Policy) regarding training of individuals on the use of systems \*Does not apply to SUNY Upstate Medical students from the Binghamton Campus

Downtown Campus Employee/Student Health Office 175 Elizabeth Blackwell St. Syracuse, NY 13210 315-464-4260 (telephone) 315-464-5471 (fax) NEMC@upstate.edu



#### Non-Employee Medical Clearance

(NEMC)

Incomplete/Illegible forms will not be processed.

Community Campus Employee Health Office 4900 Broad Road Syracuse, NY 13215 315-492-5624 (telephone) 315-492-5117 (fax) NEMC@upstate.edu

Today's Date:	Please allow up t	to 10 business day	ys for processing.	
Last Name:		Name:		DOB:
Phone Number:				
Your School/Agency:			Upstate Contact:	
Upstate Job Title or Description:				
Job Location (circle): ☐ Downtown ☐ Co				
<ol> <li>Accommodations/Limitations? [</li> <li>Mental health condition? ☐ No</li> <li>Frequent use of alcohol or any us</li> <li>Skin infection or open (non-heali</li> <li>Recent weight loss, cough, fever,</li> <li>Lived or traveled outside of the</li> <li>Close contact with someone wh</li> </ol>	Yes(LIST) No Yes  T) No Yes (Explain) Yes e of illicit drugs? No ing) wounds? No loss of appetite and/or U.S for more than 1 mo o has had active tuberc	o □ Yes □ Yes night sweats? □ No nth? □ No □ Yes_ ulosis (TB)? □ No [	o □ Yes	
Section II: ALL APPLICANTS MUST COMPI				
1. Required documentation of imm a. Rubeola (Measles): 2 c b. Mumps: 2 doses of MM c. Rubella (German Meas d. Varicella (Chicken Pox) 2. Documentation of the following a. Covid-19 vaccine(s) pe b. Flu Vaccination: Flu Se	doses of MMR vaccine of MR vaccine or positive M sles): 1 dose of MMR vac : 2 doses of Varicella va vaccines (Strongly Reco er CDC guidance	Lumps antibody titer Ccine or positive Rube Ccine or positive Varic	lla antibody titer	
	cumentation of one thin 12 months of start	(1) of the followin date): (*If positive, Ch acement date, read	g): nest X-ray report is also requi date and interpretation]	•
Section IV: <u>Physical Attestation Statement</u>				•
The person listed above underwent a physical restrictions or limitations.  Provider Name (print):  Provider medical license number/state:	Signa	nture:		Oate:
		 1		
Provider Stamp/Address:			ESH Office Use Only:	

# Upstate Medical University NON-EMPLOYEE ORIENTATION GUIDE

## **Completion Certificate**

Upstate Medical University non-employees should review the Non-Employee Orientation Guide and complete this certificate on an annual basis.

Name:
Upstate Badge ID#: *
*Please Note: If the non-employee is on campus <mark>3-days or less, a badge ID # will NOT be issued; <u>please then keep this</u></mark>
form on file only,
Department:
My signature here confirms that I have read and understand the Non-Employee Orientation guide and that I have no questions at this time:
Signature:
Date:
Enter in Self Serve Tracker with code: NONEMPORIENT
The department hosting the non-employee should enter completion into Self Serve Tracker with code NONEMPORIENT and keep this form on file within the department.
If the department is <u>NOT</u> able to enter into Self Serve Tracker, please send a COPY or fax the
completed form for entry to:
HR - Organizational Training and Development (OTD)
JH Rm. 417
Fax 464-4400
(*Forms MUST have an Upstate Badge ID# to be entered into Self Serve Tracker.

Please only submit forms with an Upstate Badge ID# to OTD.)

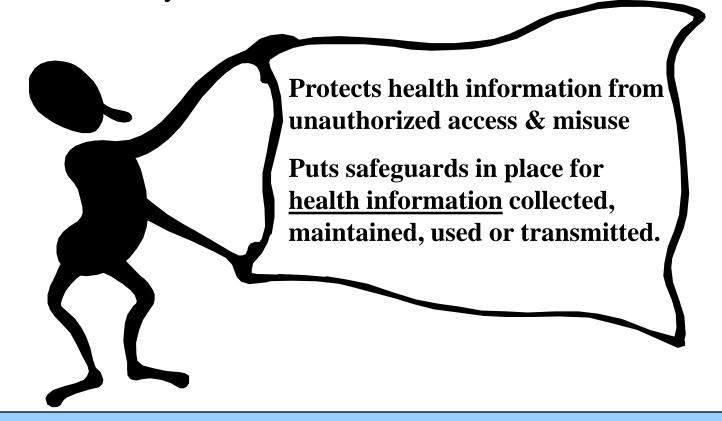
# Protecting Patient Privacy & Information Security





## WHAT IS HIPAA?

HIPAA = The Health Insurance Portability and Accountability Act... A Federal Law Created in 1996



It is everyone's responsibility to secure and protect patient health information.

# WHAT IS PROTECTED HEALTH INFORMATION?

All information about a patient is considered confidential, including information that:



- Is received, maintained or transmitted in ANY format
- Relates to the patient's past, present or future medical condition, treatment or payment for care
- Identifies the patient or could be used to identify the patient

## PRIVACY SAFEGUARDS

- Shred all paper containing confidential health information or place in closed receptacles
- When faxing, verify the fax number before sending
- Close doors or privacy curtains and lower your voice when having discussions of confidential health information
- Do not leave medical records unattended or in open areas
- Keep confidential health information you hear or see to yourself
- Before looking at patient information, ask yourself "Do I need to know this to do my job?" and if not, don't look at <u>anything</u> or it is considered 'snooping'!

## WHAT IS SNOOPING?

Inappropriate access to patient records by staff, regardless of title, for reasons such as curiosity, concern, spite or favor for relative, friend, coworker or other employees who are patients.

#### Examples:

- You see a neighbor come in, and you just want to see why they are seeing a doctor.
- Something happens in the community (car accident, shooting, stabbing, etc.) and you see it on the news, so you look in the record to see what happened.

KEEP IT OUT

OF MY BUSINESS

Ex Factor – looking at ex-spouse, ex-boyfriend, ex-girlfriend, ex-colleague, etc.

## IS SNOOPING HARMLESS?

- It may seem harmless, but even if you don't share the information with anyone, it is still a privacy violation.
- Is it worth the risk?
  - Exposure of someone's private health information can:
    - ruin someone's livelihood.
    - affect their family relationships.
    - change the course of their life.

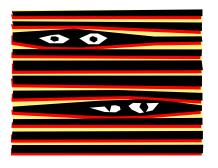


## **SNOOPING HAS CONSEQUENCES!**

- Snooping will lead to a workforce member's termination of employment or affiliation regardless of:
  - title/position
  - motive or intent
  - length of employment
  - prior counseling or discipline
  - duration of access and/or what is viewed



Is it Worth the Risk??



## **ACCESS TO INFORMATION SYSTEMS**

Just because you are an authorized user DOES NOT mean you can look at any and all records.

You should only be accessing records in which you are involved or going to be involved in some way with treatment, payment or operations.

## **SUNY WORKFORCE AS PATIENTS**

- ALL employees' medical records are placed under a 'Break the Glass' shield so that anyone entering the record must denote a reason which is recorded.
- Inappropriate access, use and disclosure of an employee's patient information is not tolerated and will result in serious consequences to the offender.
- Employees seeking care at University Hospital who believe their patient information has been inappropriately accessed or shared should contact the SUNY Upstate Privacy Officer.
- The protected health information of employees seeking care as a patient cannot be disclosed to the employee's co-workers or supervisor without authorization of the employee.

## **SECURITY SAFEGUARDS**

- Passwords selected must be strong passwords that are difficult to guess and must remain confidential
- It is important to not disable the anti-virus and/or anti-spyware software on Upstate computer system.
- Log-off or secure your computer when you walk away from it.
- Users should not transmit and/or store sensitive and/or confidential information on file sharing or text messaging applications
- Back up your files if your mobile device is stolen, to avoid losing all of the information. Make backups of any important information and store the backups in a separate location, preferably on Upstate systems.
- Be wary of downloadable software.

## **SOCIAL NETWORKING SITES**

Confidential Health Information about a patient should <u>never</u> be posted on a social networking site such as Facebook, Twitter, Instagram, etc. for personal use even if the patient may be the only person who may be able to identify him or herself based on the description.

Access to confidential patient information of SUNY Upstate is permitted so care and treatment can be provided to the patient, <u>not</u> for personal use!

# USING AUDIO-VISUAL RECORDINGS TO CAPTURE PATIENT INFORMATION

- Use of cell phone cameras or other personal recording devices by staff to record patients is not permitted
- Patients may be recorded for marketing, education, or research purposes with their consent
- Patient recordings made for care and treatment do not require patient consent
- Recordings for the patient's own use cannot be made by Upstate staff

Refer to University Hospital Administrative Policy P-46: Consent for Photography or Other Recordings for Marketing, Education, Research or Scientific Purposes

## SECURITY AUDITS AND MONITORING

All systems at SUNY Upstate record all your activity. The information you view and access using your account leaves a digital trail of information – where you go and what you do.



SUNY Upstate audits and monitors access to ePHI systems on a regular basis, therefore only access information that you need to do your job.

If you have inappropriately accessed information, you have breached our security policies and practices!

# PERSONAL CONSEQUENCES FOR INAPPROPRIATE ACCESS

The penalties that can be levied <u>against an individual</u> for violating these rights can be severe, and include:

- Termination of employment at SUNY Upstate
- Charges of professional misconduct and loss of licensure by the NYS Education Department [NYS Education Law § 6530(23)]
- Criminal and civil monetary penalties imposed by the Department of Justice
- Criminal and civil monetary penalties imposed by the New York State Attorney General

# INDIVIDUAL CIVIL MONETARY AND CRIMINAL PENALTIES UNDER HITECH FOR VIOLATING PATIENT PRIVACY

Knowingly or wrongful uses or disclosures of PHI
 fined up to \$50,000 and 1 year prison

Offense committed under false pretenses in fined up to \$100,000 and 5 years prison

■ Offense committed with intent to sell, transfer or use PHI for personal gain → \$500,000 and 10 years prison

## WHO DO I CALL?

Each organization must have a Privacy and Security Official to ensure compliance with privacy and security policies. If you observe or suspect that the confidentiality or security of a patient's health information has been violated, you must report it to your supervisor, or the SUNY Upstate Privacy Official or the SUNY Upstate Security Official at:

**E-mail:** <u>nappac@upstate.edu</u> (Privacy Official)

**Phone:** 464-6135

E-mail: oreillys@upstate.edu (Security Official)

■ **Phone:** 464-4093

**Hotline:** 464-6444 (for anonymous reports)



We cannot punish you for reporting suspected violations incidents, and in fact, it is considered your responsibility to make such a report!

The relationship between a patient and a healthcare provider is based on trust. The healthcare provider must trust the patient to give full and truthful information and the patient must trust the healthcare provider to respect the privacy of such information.



# NEW EMPLOYEE ORIENTATION INFECTION PREVENTION AND CONTROL



Infection Control Rev. 3/2018

# **TOPICS**

- Hand Hygiene
- Standard Precautions
- Transmission-Based Precautions
- Personal Protective Equipment (PPE)
- Multiple Drug Resistant Organisms (MDRO)
  - MRSA ESBL
  - VRE CRE
- Blood borne Pathogens
- Tuberculosis (Tb)
- Exposures

# PURPOSE OF THE INFECTION PREVENTION AND CONTROL PROGRAM

- Improve patient safety via PREVENTION, IDENTIFICATION, and CONTROL of infections & communicable diseases
- Prevent hospital acquired infections
- Minimize occupational health risk to employees



# HAND HYGIENE: KEY TO PREVENTING INFECTION

#### **WHAT**

A general term that applies to either handwashing, antiseptic handwash/handrub, or surgical hand antisepsis

#### **WHEN**

Before and after entering patient environment; before using and after removing gloves

#### HOW

Rub hands vigorously for 15 seconds

#### **WHICH**

Soap and water or alcohol-based hand gel if hands are not visibly soiled

#### **WHO**

All healthcare providers, patients, family

# EVERY PATIENT - EVERY TIME

# STOP the bugs! Clean hands = patient safety



Culture of a hand before disinfection



Culture of a hand after disinfection

# WHAT CAN YOU DO

Always commit to Hand Hygiene

Gloves: Not a substitute for Hand Hygiene



# ELEMENTS OF RESPIRATORY HYGIENE/COUGH ETIQUETTE

- Education of staff, patients, and visitors
- Visual alerts/posted signs
- Source control measures
- Hand hygiene after contact with respiratory secretions
- Spatial separation
- Cover your cough
- Wear mask for close contact with Patient





# PERSONAL PROTECTIVE EQUIPMENT (PPE)



#### **WHAT**

A variety of barriers and respirators used to protect from contact with infectious agents

#### WHY

To protect susceptible patients from inadvertent colonization and subsequent development of health care associated infections (HAI)

#### **WHEN**

As part of standard precautions and transmission-based precautions depending on anticipated exposure

#### **WHO**

All healthcare providers









# ELIMINATION OF CONTACT PRECAUTIONS MRSA & VRE

# As of February 1, 2018

 Adult inpatients that have tested positive for MRSA and/or VRE will no longer be required to be on contact precautions

## **Exceptions:**

- All Pediatric patients
- Cystic Fibrosis patients regardless of age
- Uncontained secretions and excretions
- Uncontained wound drainage All patients who have uncontained wound drainage defined as 2 or >2 dressing changes in an 8 hour shift must be placed on contact precautions until the draining has decreased or becomes contained by a wound vac.

# STANDARD PRECAUTIONS

- Assumes blood and body fluid of ANY patient could be infectious
- Includes Respiratory Hygiene/Cough Etiquette
- Hand hygiene
- Every patient every time

# STANDARD PRECAUTIONS

FOR EVERY PATIENT CONTACT...

**EVERY TIME...** 

IF IT'S WET AND NOT YOURS...

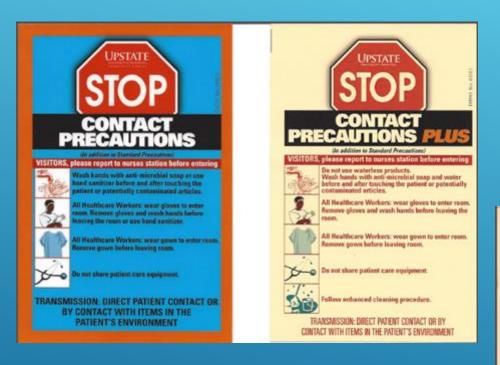
# DO NOT TOUCH IT

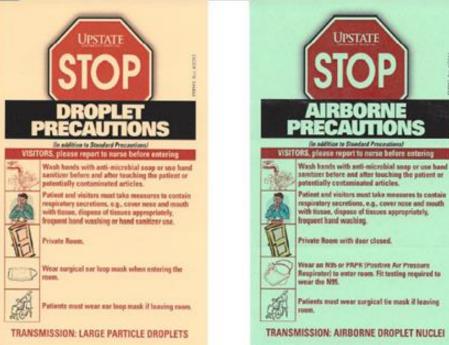
DO NOT LET IT TOUCH YOU WITHOUT
PPE

# IT IS YOUR RESPONSIBILITY...

- To know where to locate PPE in your department
- To don PPE when appropriate
- To do hand hygiene as the final step after removing and disposing PPE

# TRANSMISSION-BASED PRECAUTIONS





#### **CONTACT PRECAUTIONS**

- For all ESBL and CRE patients
- For all Pediatric patients
- Cystic Fibrosis patients regardless of age
- Patients with uncontained secretions and excretions
- Patients who have uncontained wound drainage
- PPE
- Hand hygiene
- Educate patient and family

#### **CONTACT PLUS PRECAUTIONS**

- Use Contact Plus Precautions for confirmed or suspected cases of C. difficile, and unexplained/infectious diarrhea
- Use soap and water to wash hands for 15 seconds after all patient care
- Use bleach wipes for routine cleaning of patient equipment and high touch surfaces

#### DROPLET PRECAUTIONS

- For infections spread by large droplets generated by coughs, sneezes (e.g. Neisseria meningitis, pertussis, seasonal influenza)
- Use surgical mask (not N-95)
- Patient should wear a surgical mask outside of the patient room
- Negative pressure room is not needed
- Educate patient and family

#### AIRBORNE PRECAUTIONS

- For infections spread by particles that remain suspended in the air (TB, measles, varicella, disseminated herpes zoster)
- Negative pressure room
- N-95 mask for personnel inside negative pressure room
- Patient should wear surgical mask outside of the room
- Educate patient and family



# MULTI-DRUG RESISTANT ORGANISMS (MDROS)

- Organisms that have developed resistance to antimicrobial drugs
- Growing threat to public health
- MRSA, VRE, ESBL, CRE

#### **BLOODBORNE PATHOGENS (BBP)**

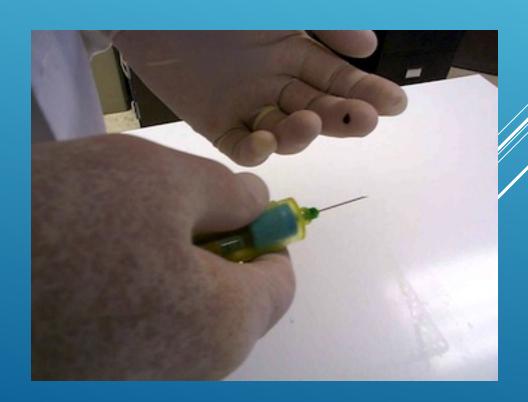
- Hepatitis B virus (HBV)
- Hepatitis C virus (HCV)
- Human immunodeficiency virus (HIV)
  - Requires consent for testing!

#### **Modes of BBP transmission**

- Needle sticks and punctures
- Splashes to the eyes or mucous membranes
- Cuts or non-intact skin

#### **BBP EXPOSURE CONTROL PLAN**

- Standard Precautions
- Hep B vaccine at no cost
- Hand Hygiene
- Safer Sharp devices
- Biohazardous labeling



#### IN CASE OF EXPOSURE...

- Wash area
- Notify supervisor immediately
- Fill out appropriate forms
- Recommend see a health care professional within 1-2 hours of exposure
- Monday through Friday, 7:30AM to 4PM contact your Employee/Student Health Office - Downtown: 315-464-4260; Community Campus: 315-492-5624
- All other times, weekends and holidays report to your Emergency Department for evaluation and care.
- Refer to Management of Employee Exposure to communicable Diseases - Policy IC E-01

# NO FOOD OR DRINKS AT THE NURSING STATION OR PATIENT CARE AREAS

 The OSHA Bloodborne Pathogen Standard prohibits food and drink in areas where contamination is likely.

"This regulation prohibits the consumption of food and drink in areas in which work involving exposure or potential exposure to blood or other potentially infectious material exists, or where the potential for contamination of work surfaces exists. The prohibition against eating and drinking in such work area is consistent with other OSHA standards and is good industrial hygiene practice"



#### TB SURVEILLANCE AND SCREENING

- TB screening: new hire and annually
- Fit testing
- Exposure Control and Follow-up



### **INFECTION PREVENTION**

It's everyone's business







I HIRED A GUY
WHO NEVER
TOMOR - WASHES HIS
ROW. HANDS TO HELP
YOU WITH
SCHEDULING.

© Scott Adams, Inc./Dist. by UFS, Inc.

#### **Infection Control Contact Information**

**Downtown Campus: 315-464-5258** 

**Community Campus: 315-492-5907** 

# Thank you



# Hazard Communication

# Hazard Communication and Global Harmonized System

Hazard communication is also known as the right to know standard

The purpose of the standard is to ensure that employers provide information to the employee on hazardous substances they may be working with or may be exposed to

In 2016 OSHA implemented the Global Harmonized System or GHS

# Hazard Communication and Global Harmonized System

 This system allows the end user to find the information they need faster and allows for easier understanding of the

hazards for a substance

Seven major elements in the GHS-aligned Hazard Communication Standard



#### How hazard communication works:

Chemical
 Manufacturers and
 Importers classify
 the hazards of
 chemicals they
 produce or import,
 and prepare labels
 and safety data
 sheets based on the
 classifications

Chemicals are Shipped to Employers by Chemical Manufacturers, Importers or Distributors

#### Implement the Program

- All Employers receive labeled containers and safety data sheets with shipped chemicals
- All Employers must prepare a written hazard communication program, including a list of the hazardous chemicals in the workplace

#### Employers must ensure:

- All containers of hazardous chemicals are labeled
- Safety data sheets are maintained for all hazardous chemicals
- Workers are trained on program elements, hazards, protective measures, etc.

Keep Information Up-to-Date

The main source of information comes from the Safety Data Sheet (SDS)

These use to be called Material Safety Data Sheets

 The new SDS are divided into 16 sections and are now uniformed and easier to follow

# Obtaining SDS's at Upstate Medical University

#### **Option #1 intranet:**

- 1. Go to Upstate Medical University iPage
- 2. Click on Policies/Forms link
- 3. Click on Safety Data Sheet link on the left side of the page. You will get a "Will open new window" message. Click "OK"
- 4. Dolphin SDS page will open
- 5. In upper right, in "Find" you can type the name of the chemical or product and hit Enter
  - Option #2
- Call the Environmental Health Office at 464-5782

#### SDS 16-section format:

- Section 1: Identification
- Section 2: Hazard(s) identification
- Section 3: Composition/information on ingredients
- Section 4: First-aid measures
- Section 5: Fire-fighting measures
- Section 6: Accidental release measures
- Section 7: Handling and storage
- Section 8: Exposure control/personal protection

Section 9: Physical and chemical properties

Section 10: Stability and reactivity

Section 11: Toxicological information

Section 12: Ecological information

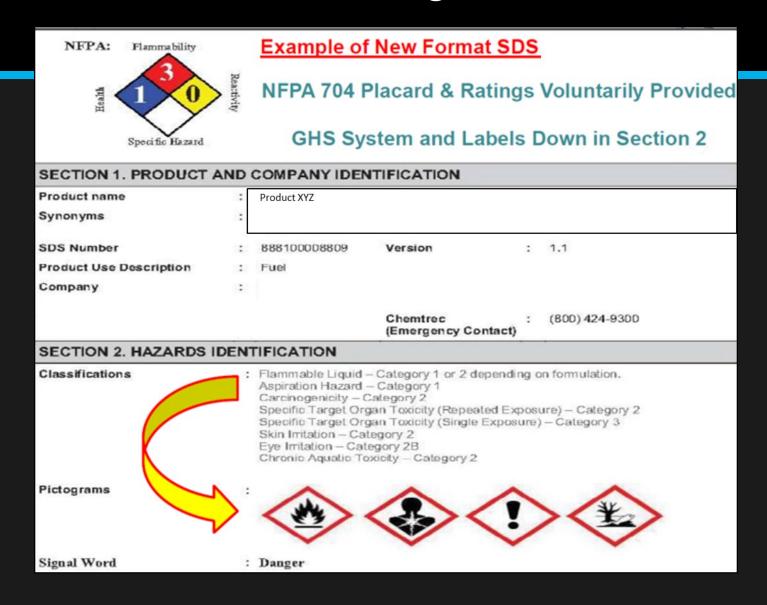
Section 13: Disposal considerations

Section 14: Transport information

Section 15: Regulatory information

Section 16: Other information

Not regulated by OSHA



#### Labels: Standardized Form and Language

- HMIS & NFPA Diamonds (older labeling systems that are still widely used).
- Symbol pictogram
- Standard hazard statement
- Signal Word
  - Danger (more significant)
  - Warning

#### **HMIS & NFPA Diamond**

→ 0 means almost no hazard 4

⇒ means extreme danger





## **GHS** Pictogram



#### **Health Hazard**



- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

- •Carcinogens cause cancer.
- Mutagens cause harm to fetuses.
- •Reproductive toxins cause problems in pregnancy and/or getting pregnant (men and women).
- Respiratory Sensitizer means you may have a heightened reaction on second exposure.
- Target organ is the organ that is most effected.
- Aspiration toxic means it irritates or harms when you inhale the liquid or solid.

#### **Flame**



- Flammables
- Pyrophorics
- Self-Heating
- Emits Flammable Gas
- Self-Reactives
- Organic Peroxides

- · Flammable means vapors burn.
- Pyrophorics will ignite spontaneously when exposed to air.
- •Organic peroxides can sometimes form explosive compounds by themselves.
- Self igniters/heaters get warm over time with access to air.

#### **Exclamation Mark**



- Irritant (skin and eye)
- Skin Sensitizer
- Acute Toxicity (harmful)
- Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer (Non-Mandatory)

- Irritants irritate.
- •Sensitizers cause more severe second-exposure reactions.
- Acute short term
- · Chronic long term

## **Gas Cylinder**



Gases Under Pressure

Gas under pressure can release pressure quickly - causing mechanical hazards and releasing large volumes of gas that can displace air (suffocation potential) or be toxic.



#### **Corrosion**



- Skin Corrosion/ Burns
- Eye Damage
- Corrosive to Metals

## **Exploding Bomb**



- Explosives
- Self-Reactives
- Organic Peroxides

# Flame Over Circle • Oxidizers

Oxidizers can cause or contribute to fire in other materials.



(Non-Mandatory)



Aquatic Toxicity

# Skull and Crossbones



 Acute Toxicity (fatal or toxic)

## Signal Words

"Danger" or "Warning"
Used to emphasize hazard and discriminate between levels of hazard.

## New Hazards Added (No pictogram)

<b>Hazard Category</b>	Signal Word	<b>Hazard Statement</b>
Simple Asphyxiate	Warning	May displace oxygen
		and cause rapid
		suffocation.

<b>Hazard Category</b>	Signal Word	<b>Hazard Statement</b>
Flammable Liquid	Danger	Flammable Liquid and Vapor.
		Harmful if inhaled.

#### Standard Hazard Statement

GHS label should include appropriate precautionary information.

The intent is to harmonize and update precautionary statements.

#### Sample Label

Product Ide	entifier		
CODE			
ProductName			
Supplier Ide Company Name		1	
Street Address			
City		State	Post:

#### **Precautionary Statements**

Keep container tightly closed. Store in cool, well ventilated place that is locked.

Keep away from heat/sparks/open flame. No smoking.

Country

Only use non-sparking tools.

**Emergency Phone Number** 

Use explosion-proof electrical equipment.

Take precautionary measure against static discharge.

Ground and bond container and receiving equipment.

Do not breathe vapors.

Wear Protective gloves.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Dispose of in accordance with local, regional, national, international regulations as specified.

**In Case of Fire:** use dry chemical (BC) or Carbon dioxide (CO<sub>2</sub>) fire extinguisher to extinguish.

#### First Aid

Code

If exposed call Poison Center.

If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.

#### **Hazard Pictograms**



#### **Signal Word**

Danger

#### **Hazard Statement**

Highly flammable liquid and vapor. May cause liver and kidney damage.

#### **Supplemental Information**

Directions for use		
Fill weight:	Lot Number:	
Gross weight:	Fill Date:	
Expiration Date:		

## Hazardous Drug Risk Acknowledgement

(You will be asked to complete this acknowledgement within the post test for this training module.)

Exposure to hazardous drugs can potentially happen anywhere in a Health Care setting. SUNY Upstate Medical University ("SUNY Upstate") has put into place a variety of administrative, engineering and work practice controls to reduce the risk of exposure to hazardous drugs.

I understand and acknowledge the following:

- I may be exposed to hazardous drugs regardless of whether or not my work assignment is clinical or nonclinical.
- Working with or near hazardous drugs in health care settings may increase one's risk of various illnesses and conditions
  including, but not limited to: skin rashes, infertility, miscarriage, birth defects and various forms of cancer.
- SUNY Upstate maintains up to date, detailed policies and procedures on the proper storage, handling, transport and disposal of hazardous drugs. As an employee, I have access to review these policies and procedures.
- I may be required, depending on my role and as determined by my supervisor, to review SUNY Upstate's policies and
  procedures regarding the handling of hazardous drugs, to undergo specialized annual training and to demonstrate my
  competency to handlehazardous drugs prior to handling any hazardous drugs and at least every 12 months thereafter.
- I will contact Pharmacy or my direct supervisor if I have any questions or concerns regarding hazardous drugs at SUNY Upstate.
- My failure to follow established policies and procedures of SUNY Upstate may put me, my co- workers, patients and the
  community at risk of exposure to hazardous substances which may lead to various illnesses and conditions.

#### Who Should I Contact with Questions?

- If you have a question you should first contact your supervisor.
- If your question has not been answered or you would like additional information you can contact Upstate Medical University, Environmental Health and Safety (EHS) at 464–5782.