

Huron Valley PACE

Bloodborne Pathogen INFECTION CONTROL TRAINING

Program Objectives

Review and Identify

- Blood Borne Pathogens
- Infection Control
- · Hand washing
- · Drug Resistant Bacteria
- Influenza
- Tuberculosis
- · Hazardous Wastes

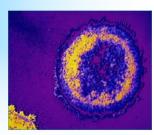
What is a BB Pathogen?

Microorganisms that are carried in the blood that can cause disease in humans



Common BB Pathogen Diseases

- Malaria
- Brucellosis
- Syphilis
- Hepatitis B(HBV)
- Hepatitis C(HCV)
- Human Immunodeficiency Virus (HIV)



Human Immunodeficiency Virus (HIV)

- · HIV is the virus that leads to AIDS
- · HIV depletes the immune system
- HIV does not survive well outside the body
- No threat of contracting HIV through casual contact



Hepatitis B (HBV)

- 1—1.25 million
 Americans are chronically infected
- Symptoms include: jaundice, fatigue, abdominal pain, loss of appetite, intermittent nausea, vomiting
- May lead to chronic liver disease, liver cancer, and death
- Vaccination available since 1982
- HBV can survive for at least one week in dried blood
- Symptoms can occur 1-9 months after exposure

Hepatitis B Vaccination



- Strongly endorsed by medical communities
- Offered to all potentially exposed employees
- Provided at no cost to employees
- Declination form

Hepatitis C (HCV)

- Hepatitis C is the most common chronic bloodborne infection in the United States
- Symptoms include: jaundice, fatigue, abdominal pain, loss of appetite, intermittent nausea, vomiting
- May lead to chronic liver disease and death
- · No Hepatitis C vaccination



Potentially Infectious Bodily Fluids

- Skin tissue, cell cultures
- Any other bodily fluid



- Blood
- Saliva
- Vomit
- Semen or vaginal secretions
- Body fluids visibly contaminated with blood

Transmission Potential

- Contact with another person's blood or bodily fluid that may contain blood
- Mucous membranes: eyes, mouth, nose
- · Non-intact skin
- Contaminated sharps/needles



Your Exposure Potential

- · Administering first aid
- · Caring for participants
- CPR
- Blood draws
- Injections
- Handling of any waste products



Standard Precautions

- Apply to all / assumes anyone has a potential BB or may be infectious
- · Use of proper PPE
- Treat all blood and bodily fluids as if they are contaminated
- Disposal of all contaminated material in the proper manner



Personal Protective Equipment (PPE)



- Anything that is used to protect a person from exposure
- Latex or Nitrile gloves, goggles, CPR mouth barriers, aprons, respirators

PPE Rules to Remember

- Always check PPE for defects or tears before using
- If PPE becomes torn or defective remove and get new
- Remove PPE before leaving a contaminated area
- · Do not reuse disposable equipment

Regulated Medical Waste

- Liquid or semi-liquid blood or other potentially infectious material(OPIM)
- Contaminated items that would release blood or OPIM when compressed
- · Contaminated sharps
- Pathological and microbiological waste containing blood or OPIM

Linen / Laundry

- Avoid the transfer of microorganisms to others
- Handle, transport, and process linen that may be soiled with blood or body fluids in a manner that prevents skin and mucous membrane exposures

Hand Washing



- Single most effective method to control spread of diseases
- Wash hands immediately after removing PPE

HAND WASHING

The three "F's"

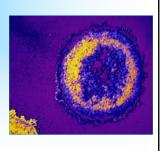
- FREQUENT
- FRICTION
- FINGERNAILS
- · Soap and water for 15-30 sec.
- Hand Sanitizers for 10 sec.

Eating and drinking is prohibited in areas that there may be contaminates.



Drug Resistant Bacteria

- MRSA
- VRE



MRSA

Methicillin-Resistant Staphlococcus Aureus

MRSA

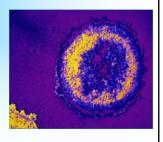
- A type of staph that resists treatment with methicillin antibiotic
- It is often resistant to other antibiotics as well
- Frequently occurs in hospitals and other healthcare facilities

MRSA Transmission

- · Direct skin to skin contact
- Contact with shared items that have been in contact with the bacteria
- · Factors associated with it:
 - Crowding
 - Frequent Contact
 - Compromised SkinContaminated Surfaces
 - Lack of Cleanliness

Preventing Spread of MRSA

- Keep hands clean with frequent hand washing / sanitizing
- Keep open wounds clean and covered
- Avoid sharing personal items



VRE Vancomycin-Resistant Enterococci

What Is It?

- Enterococci bacteria are common in the body
- Most do not cause infections
- In people treated with some antibiotics the bacteria may mutate and cause infections
- These infections become resistant to the antibiotic -Vancomycin



INFLUENZA

- A contagious infection caused by a virus
- Spread by droplets when an infected person sneezes or coughs
- Usually affects the respiratory system



Preventing Influenza

- · Good Hand Washing
- Annual Vaccinations -In order to protect PACE participants and staff, annual influenza vaccinations will be given to all staff and offered to all participants



Tuberculosis

- · Caused by a bacteria
- Usually affects the lungs, but can affect any body organ
- · Active TB spreads through droplets
- Must have close contact and breath the same air as infected person
- Staff and participants will be tested annually for TB

Latent vs Active TB

Latent TB

- No symptoms
- Does not feel sick
- Can <u>NOT</u> spread TB
- Has positive skin test
- Has normal chest x-ray
- Negative sputum test
- Treat to prevent turning into active TB

Active TB

- Has symptoms
- Feels sick
- · May spread to others
- Usually has a positive skin test
- Usually has positive chest x-ray and sputum
- · Needs treatment

Symptoms of TB



- · A bad cough with pain in the chest
- · Coughing up bloody sputum
- · Weakness and fatigue
- · Weight Loss / Poor appetite
- · Night Sweats
- · Chills, Fever



Isolation Precautions

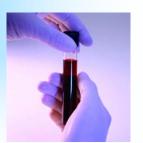
- Isolation will be initiated when a communicable disease is strongly suspected or confirmed
- A nurse may initiate isolation but the PCP must order
- · The appropriate Isolation Sign will be posted
- Everyone, including all staff and visitors, will follow the precautions
- The need for frequent hand washing and other precautions will be communicated to families and care givers

Exposure Incident

- A specific incident of contact with potentially infectious bodily fluid
- If there are no infiltrations of mucous membranes or open skin surfaces, it is not considered an occupational exposure
- Report all accidents involving blood or bodily fluids
- Post-exposure medical evaluations are offered

Post-exposure Evaluation

- Confidential medical evaluation
- Document route of exposure
- Identify source individual
- Test source individuals blood
- Provide results to exposed employee



Recordkeeping

Medical records include:

- · Hepatitis B vaccination status
- Post-exposure evaluation and follow-up results

Training records include:

- · Training dates
- · Contents of the training
- Signature of trainer and trainee



Signs & Labels

- Labels must include the universal biohazard symbol, and the term "Biohazard" must be attached to:
 - Sharps containers
 - refrigerators or freezers containing blood or OPIM
 - containers used to store, transport, or ship blood or OPIM



PACE Infection Control Committee (ICC)

- The ICC establishes policies and procedures for surveying, investigating, controlling and preventing the spread of disease
- preventing the spread of dise
 The ICC reviews trends
- The ICC monitors staff performance/compliance
- The ICC with the QA Committee may develop ways to monitor the spread of disease



In Conclusion

BB pathogen and Infection Control rules are in place for your health and safety

Failure to follow them is a risk that does not need to be taken

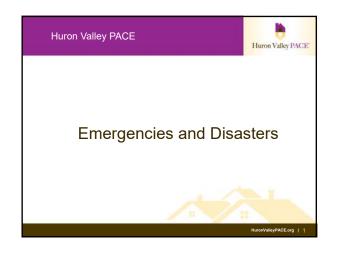
Questions?

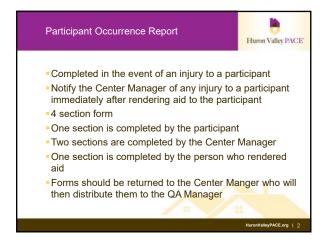
Please contact your supervisor

or

Quality Assurance Coordinator with any questions

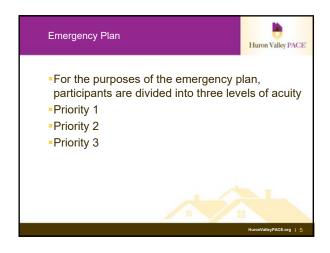
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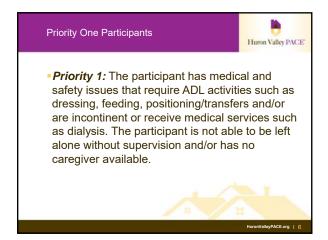


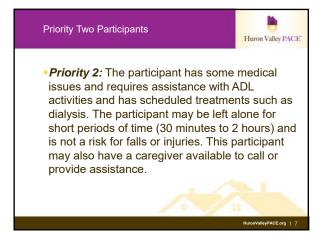


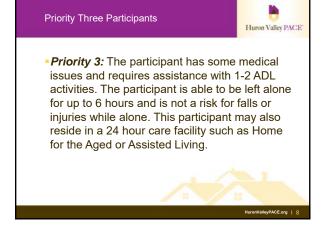


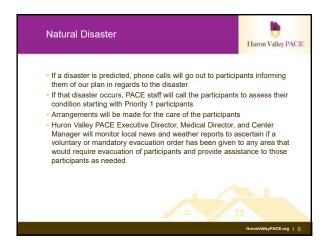








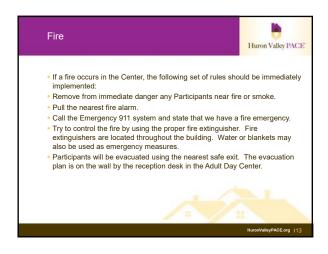




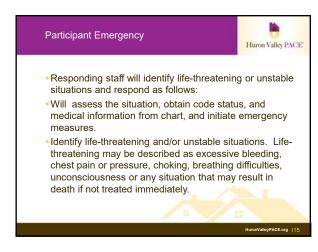


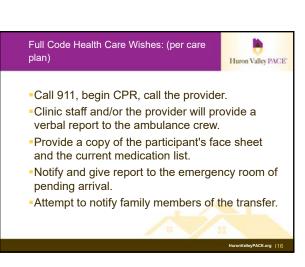


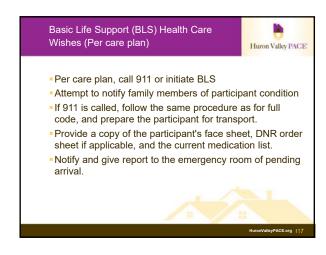


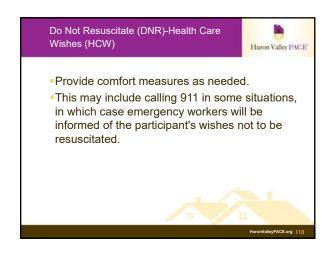






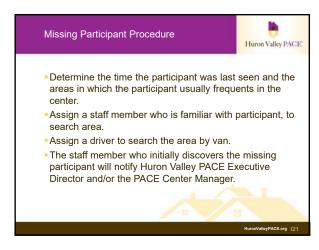


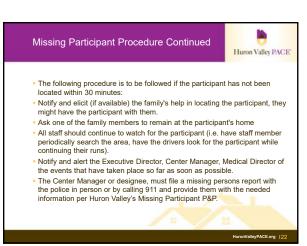


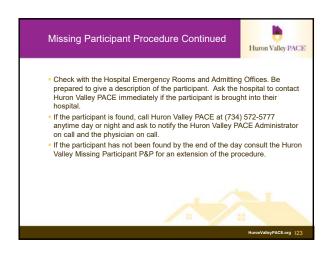


Participant Medical Emergency off-site Participants leaving for scheduled outings will take with them a written DNR order. In the event of an emergency, attending staff will notify the center immediately and initiate emergency measures as indicated on the Emergency Care Plan.

Participant Emergency/Urgent Services Out of Network If the participant is away from his/her home and out of the service area, Huron Valley PACE will cover both emergency and urgently needed care for: For all emergency care if the prudent layperson standard is met and the participant believes he or she is in a critical health emergency (or if the participant fears for his or her life or well-being) Urgently needed out-of-network or post-stabilization care services if Huron Valley PACE does not respond to a request for approval within one (1) hour after being contacted or cannot be contacted for approval. Any services provided outside of the United States, except as may be permitted under the Federal regulations and the state's approved Medicaid plan (The United States includes the 50 states and the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands).











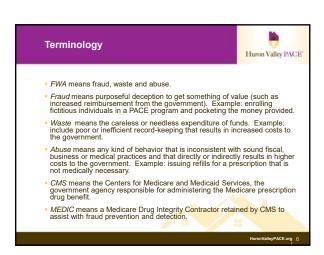


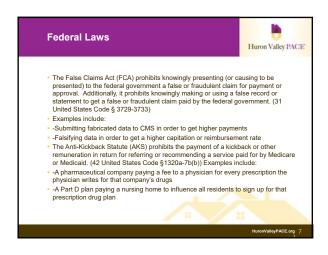


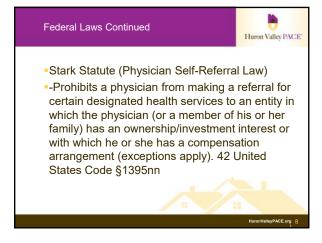


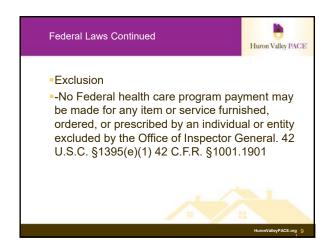


















Reporting and Investigations (continued):



- You will NOT be punished or retaliated against for reporting compliance concerns, including concerns of suspected FWA concerning our Part D prescription drug plan.
- You are prohibited from retaliating against anyone in response to such reports.
- If you believe you have been disciplined or retaliated against for reporting a compliance concern, you should tell the Compliance Officer.

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Reporting and Investigations (continued):



- The Compliance Officer is responsible for overseeing internal investigations (investigations that we perform).
- When the government or a government contractor such as a MEDIC conducts an investigation, it is the policy of Huron Valley PACE to cooperate in that investigation.
- However, you are not obligated to consent to an interview, and you may ask that someone else be present during any interview.
- Contact the Compliance Officer immediately if you are contacted by a law enforcement officer or government agent about Huron Valley PACE's business, or if you receive an OIG or Grand Jury subpoena or summons.

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Monitoring and Auditing



- Engage in regular monitoring of our Part D plan, including monitoring for potential FWA.
- Monitors pharmacies, (pharmacy benefit managers) and other third parties that assist with our Part D plan.
- Review prescription drug event (PDE) and cost data that is submitted to CMS.
- Monitor participants and prescriber activity to identify any possible FWA.

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Monitoring and Auditing (continued):



- You should report any instances of improper drugseeking behavior on the part of participants, or any incidents suggesting that participants' family members may be improperly obtaining prescription drugs from the participant.
- You also should report any incidents suggesting improper overutilization of prescription drugs on the part of a participant or family member.
- Such reports should be made to an interdisciplinary team member, your supervisor, the Compliance Officer.

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Prohibitions on Kickbacks or False Claims:



- If you have any reason to believe that:
- A PACE staff member, a prescriber or any other individual is receiving improper kickbacks in return for actions related to prescription drugs,

OR

The organization's prescription drug plan is using false data or participants are not getting the drugs that have been prescribed for them

Contact the Compliance Officer

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Disciplinary Guidelines



- Compliance with our FWA Program and other compliance-related policies, and participation in training programs, is a requirement of Huron Valley PACE
- Serious or repeated misconduct, including failure to report violations, may result in disciplinary action.
- •Compliance with the FWA Program and other compliance policies is required.

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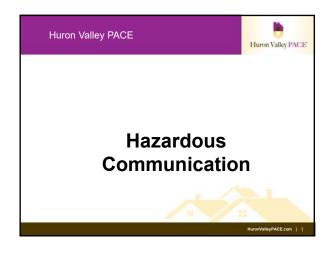








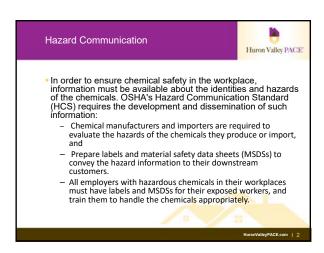




Proper Storage, Handling, and Disposal of Chemicals and Compounds

 Chemicals and compounds will be stored, handled, and disposed of according to the manufacturer's recommendations as indicated on the package label.

 Manufacturers issued Material Safety Data Sheet (MSDS) will be accessible for each chemical used.



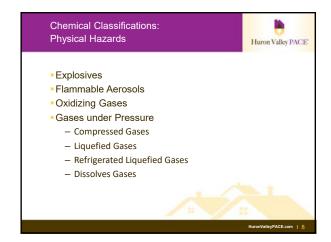










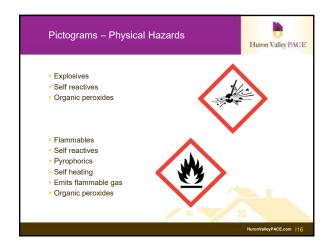




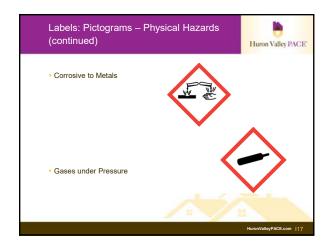






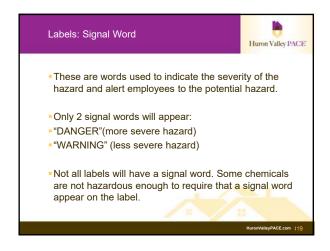








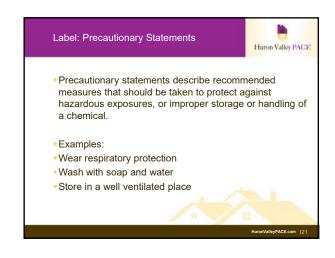








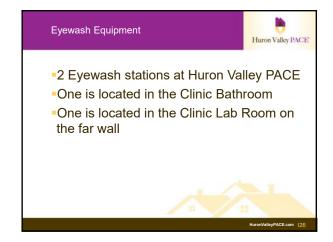






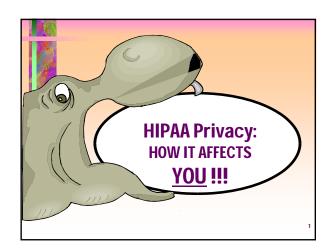






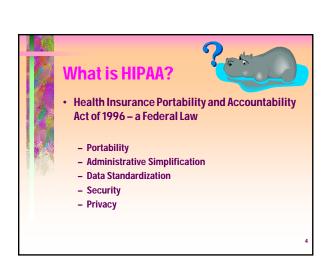


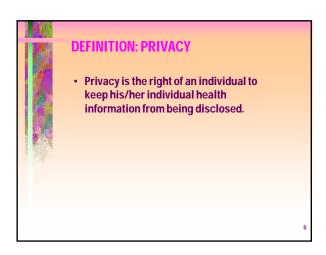


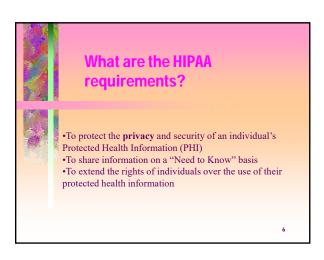


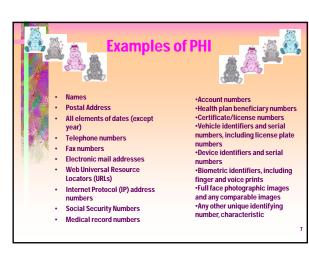


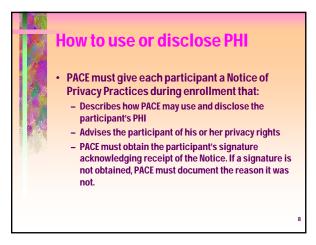


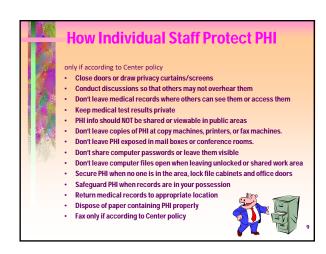






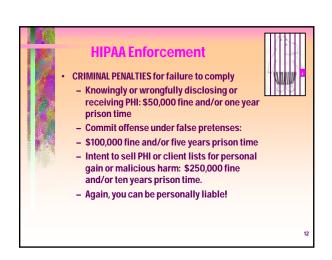


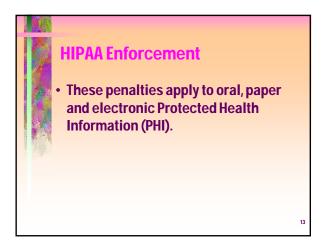




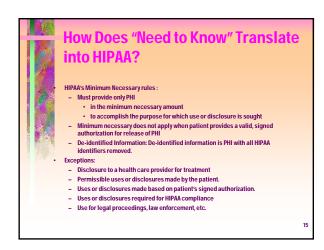




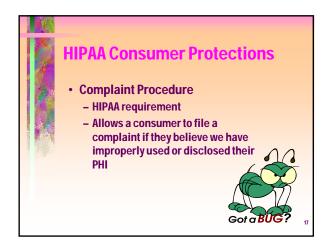




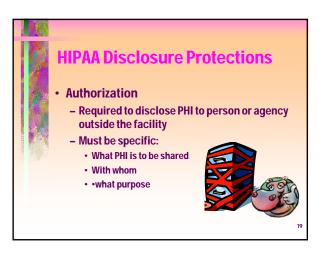




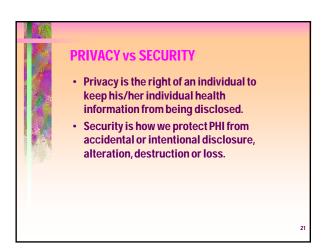


















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E-mail and Internet Security

- Electronic mail (e-mail) and Internet communication provided by PACE is reserved for business use and associate's educational development.
- All electronic systems are the property of PACE. Therefore, there are expectations of privacy when using these systems.
- · It is not to be used for personal business.
- PACE reserves and intends to use the right to review, audit, intercept, access, and disclose all messages.
- All e-mail with confidential information sent outside the organization must first be encrypted.



PC and System Protection



- · Be aware of potential harm
- Follow the e-mail policy
- Don't download non-PACE approved programs
- Report unknown or suspicious e-mail, attachments



TOP 10 PRIVACY & SECURITY PRACTICES

- 1. When in doubt, don't give information out

- Log off before you walk away from your computer
 Double check fax numbers before sending
 Do not send e-mails or use the internet unless the connection is secure and roved
 Identify the caller before releasing confidential information.

 Never share your password with anyone
 Maintain the security of all patient information in all its medium like paper,
- electronic and oral
- 8. Discuss patient information in private locations
 9. Access information on a need to know basis, only to do your job.
 10. Dispose of confidential information according to proper procedures (ie. Locked

REMEMBER



- Your role will dictate access
 - Use only if necessary to perform job duties
 - Use the minimum necessary to perform your
 - Follow all PACE policies and procedures for information confidentiality and security



PARTICIPANT CARE TRAINING MODULE

Huron Valley PACE

PARTICIPANT TRAINING MODULE

REQUIRED CMS PACE TRAINING TOPICS (42 CFR 460)

- Overview of Regulations & Staff Training Regulations
- Participant Bill of Rights
- Advanced Directives
- Restraints
- Incident Events and Level Two Events
- · Elder Abuse
- Latex Allergy
- · Food Safety

STAFF ORIENTATION & TRAINING

- Minimum orientation & training requirements are in the regulations
- Copies of regulations are available for staff
- Training Modules have been developed based on the regulations



PARTICIPANT BILL OF RIGHTS

- Designed to protect and promote the rights of each participant. These include:
 - Respect & Nondiscrimination
 - Information Disclosure
 - Choice of Providers
 - Access to Emergency Svs.Participation in Treatment Decisions
 - Confidentiality of PHI
 - Complaints and Appeals
- Participant Bill of Rights is posted in the Day Ctr.
- Participant given a copy at enrollment
- Staff are expected to promote these rights
- Staff violating these rights may be terminated
- Participants can report violations to the State of MI or Federal Office of Civil Rights

Advanced Directives

- An Advanced Directive (A.D.) defines what type of care a person wants if unable to make their own decision
- Participants have the right and are encouraged to create an A.D.
- The PACE PCP and MSW will be responsible for discussing with participants and care givers at least annually. A participant wishing to be DNR (Do Not Resuscitate) must have a signed, witnessed DNR and a physician's order in the medical record
- Participants have the right to change their A.D. at any time
- There are several types of A.D.s and laws vary in each state

TYPES OF ADVANCED DIRECTIVES

- Michigan recognizes 3 types of A.D.s
 - Durable Power of Attorney for Health Care
 - Legally binding in the State of Michigan
 - Defines <u>WHO</u> a person wants to speak for them when they are no longer able to do so.
 - Living Will
 - Not Legally binding in Michigan, but are in other states
 - Defines <u>WHAT</u> a person wants done if they are no longer able to state their own wishes
 - Do Not Resuscitate Declaration
 - Legally binding in Michigan

USE OF RESTRAINTS

- Federal Rules require that restraints are used only as a last resort and for a limited time.
- Huron Valley PACE's goal is to be "Restraint Free."
- A physician order is needed for a restraint
- Staff will be trained in applying and monitoring if restraints are ever ordered.



OCCURRENCE REPORTS

- "WHAT"- is an "Incident" an unusual occurrence that has or has a potential for a negative outcome.
- "WHAT"- is an Incident Report- Form that is filled out in order to record the details.
- "WHY" to document and give information that may be useful for Quality Improvements
- "WHO"- the first staff member to become aware of the event will complete the report

OCCURRENCE REPORTS

- "WHEN" as soon as possible after the event
- "WHERE" Blank forms are kept in the file cabinet at the Reception Desk and in the Clinic
- "HOW"- Complete all areas of the Incident Report
 as <u>accurately</u> and <u>objectively</u> as possible. Completed
 forms will be submitted to the Center Manager for
 review, sent to other staff if indicated and finally to
 QA for tracking, trending and reporting.

INCIDENT

- Staff, contracted staff, visitors, as well as, participants may be involved in an INCIDENT
- Incident Report forms must be completed for all types of incidents.
- Please review the H. R. manual for policies and procedures of reporting



EXAMPLES OF INCIDENTS

- Falls
- Medication errors
- Level 2 (Sentinel) Events
- · Fraud, Waste or Abuse
- Elopement
- · Disease outbreak
- Events involving the police or fire depart.
- Elderly Abuse or Neglect
- Accidents



LEVEL 2 EVENTS (PREVIOUSLY SENTINEL EVENTS)

- CMS has replaced "Sentinel Event" with "Level 2" Event
- Level 2- Significant / serious events (incidents) having adverse outcomes
- Must be reported, individually, at the time of the event
- Involve in-depth "rootcause" analysis and CMS-MDCH-PACE conference call



Examples of Level 2 Events

- Deaths- related to or suspected- Suicide, homicide, coroner investigation, or unexpected deaths
- Falls- resulting in death, hospitalization, permanent loss of function
- Infectious Disease Outbreak- 3 or more cases
- Pressure Ulcers- Stage III-IV acquired in PACE
- · Burns- resulting in hospitalization
- Medication Errors- significant adverse consequences
- · Restraints with significant adverse outcomes

ELDER ABUSE

- Elder Abuse is doing something or failing to do something that results in harm to an elderly person or puts a vulnerable older person at risk for harm
- Elder abuse is a serious problem in this country.
- The frail, elderly PACE participant is vulnerable to all forms of abuse
- All PACE staff should be aware of warning signs and understand appropriate responses

TYPES OF ELDER ABUSE

- <u>Sexual</u> abuse of a sexual nature, such as sexual coercion and assault
- Verbal- oral, written or gestured language that is derogatory or disparaging
- <u>Physical</u> hitting, slapping restraints or drugs to control behavior
- Emotional- any action that lowers self-esteem or isolates the victim
- Misappropriation

 participant's funds or
 possessions without their
 consent or knowledge,
 stealing money
- Neglect- reckless disregard in failing to provide for the participant's basic needs
- Mistreatment- deliberate lack of care and concern more than poor judgment on the part of the abuser

ELDER ABUSE

Who is the Abuser?

 Studies have shown that the most likely abusers are family members

Who are Elderly Victims?

- · Isolated, lonely
- Physically or cognitively impaired
- Family hx of abuse / violence
- · Mental health issues
- Require a great deal of care



SIGNS OF SUSPECTED ABUSE

PHYSICAL ABUSE:

- Unexplained bruises, welts, appearing symmetrically on both sides of the body
- Broken bones, dislocations
- · Broken eye glasses
- Caregiver will not allow you to speak alone with victim

EMOTIONAL / MENTAL:

 Controlling, belittling caregiver behaviors

SEXUAL ABUSE:

- Bruises / bleeding of breasts / genitals / rectal area
- · Sexually transmitted disease

NEGLECT:

- · Weight loss, malnutrition
- Untreated medical conditions (pressure ulcers)
- · Dirty, unbathed
- Unsafe living conditions
- Abandonment

SIGNS OF SUSPECTED ABUSE

FINANCIAL MISAPPROPIATION

- Significant withdrawals from elder's accounts
- Sudden changes in finances
- Missing items from homes
- Changes in wills, POA, insurance policies
- Unpaid bills, utilities shutoff even when there is money to pay for these.



REPORTING ABUSE

The law requires that professional, licensed staff report actual or suspected elder abuse to:

Adult Protective Services (APS)

PACE STAFF:

- If a PACE staff member suspects abuse of a PACE participant, he/she should report their suspicions to their supervisor or the assigned MSW.
- An Incident Report Form should be completed as completely and, most importantly, as objectively as possible.
- · Also, document facts objectively in the EMR

PROTECTING THE PARTICIPANT

- The IDT will determine if the participant needs immediate protection and will make any necessary arrangements.
- Individuals suspected of abuse will be barred from the PACE Center pending investigation of the incident.
- Counseling and support for participants will be provided and documented.

LATEX ALLERGY

- Up to 12% of healthcare workers and 6% of the general population have allergic reactions to Natural Rubber Latex (NRL).
- NRL is contained in many medical, household and office supplies. These products may include such items as: blood pressure cuffs, latex gloves, stethoscopes, tubing and syringes, goggles, masks, catheters, tape, band aides, hot water bottles, balloons.
- Many of these products are now available as "Latex-Free" options.

RISK FACTORS FOR LATEX ALLERGY

- Frequent, ongoing exposure to latex
- People with multiple allergies and allergic conditions
- · Persons with spina bifida
- Persons with allergies to foods that are closely related to NRL, such as avocados, bananas, kiwi, potatoes, tomatoes

ROUTES OF EXPOSURE

- Skin Contact- wearing latex gloves
- Mucous Membranes- dentistry and anesthetic products
- Inhalation- airborne powder from the above products
- Internal / Visceral- Latex products used during surgery
- Intravascular- Intravenous products

SYMPTOMS OF LATEX ALLERGY

- MILD: Rashes, hives, itching, flushing, watering eyes and sinus symptoms
- MODERATE: Respiratory irritation, asthma
- SEVERE ANAPHYLAXIS:

– Dizziness– Nausea, Vomiting

Confusion - Loss of Consciousness

– Wheezing– Shock and DEATH

Anaphylaxis Requires Immediate Medical Care

NUTRITION AND FOOD SAFETY

IDT will ensure a participant:

- Receives adequate nutrition
- Receives well-balanced meals to meet any special needs
- Receives supplements or snacks to meet their needs
- Receives tube feedings or parenteral nutrition per care plan
- · Has their weight monitored

Ensure sanitary conditions:

- Prepare, handle and store food to avoid contamination
- Wash hands prior to food preparation and serving
- Not allow any food to be brought in from participant's home
- · Label and date opened food
- Observe food expiration dates

FOOD SAFETY AND STORAGE

Refrigerated Foods:

- Refrigerator / freezer temperatures will be logged daily
- Refrigerator temperatures should be 35-41 degrees F.
- Freezer temps. should not exceed 0 degrees F.
- If temps. fall outside these ranges immediate action will be taken



FOOD SAFETY AND STORAGE

To meet CMS Regulations:

- Meals for PACE will be catered by an outside agency that has the appropriate state and local certifications
- Any person handling or preparing food will have received the required training
- The temperature of the food served will be monitored and logged to meet requirements
- Clean up and disposal of wastes will be done properly.

PARTICIPANT CARE MODULE SUMMARY

This module has presented PACE training for:

- · Regulation Overview and Staff Training
- Participant Bill of Rights
- · Advanced Directives
- Restraints
- Incident Events and Level Two Events
- Elder Abuse
- Latex Allergy
- · Food Safety

NEXT STEPS

- Contact QA Coordinator or your supervisor for questions or comments
- Complete the post test and turn in for review and follow up.
- Continue with completion of the required training modules.

