Ebola Case Study
NIEHS - WTP

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Objectives

A 10 minute presentation:

• Describe the development of a unique capability for management of patients with serious communicable diseases

• Articulate the importance of relationship between practitioners and educators

• Discuss a strategy to guard against competency degradation
Maintenance of a capability for a dozen years
Biosafety

Development and implementation of:
administrative policies
work practices
environment design
safety equipment
to prevent transmission of biological agents to workers, other persons and the environment

education – training – competencies
Education and Training
Serious Communicable Pathogens

- Epidemiology of illness
- Natural disease course
  - Incubation
  - Signs and symptoms
  - Transmission
  - Recovery
- Vaccine/prophylaxis/PEP
- Treatment
- Preventing transmission/infection control
Education and Training
Serious Communicable Pathogens

• Donning and doffing of PPE
• Decontamination of biohazard spills
• Disinfection of environmental surfaces
• Proper waste management
• Special procedures and equipment
Team Work

- Nursing
- Pharmacy
- Health and Safety
- Infection Control
- Environmental Services
- Medical Labs
- Occupational Health

- Administration
- Communications
- Pastoral Care
- Supplies/Logistics
- Security
- Infectious Diseases
- Critical Care
- Emergency Medicine/EMS
Emory Hospital Will Treat Ebola Patient

Eliana Dockterman  @edockterman  |  July 31, 2014
Education of the public
Practice informs education and training

• Risk assessment informs procedures
  – PPE selection
    • CDC recommended standard + transmission
    • Risk of exposure to bodily fluids
    • Operating environment
    • Existing competencies

• Competency degradation
  – Observation/supervision
Reflections

• Knowledge and understanding is the best antidote for fear
• Experience is the best teacher – nurture the practitioner-educator relationship
• Good guidelines and good judgment are needed for safe practice
• Observed/supervised practice can guard against competency decay
Questions?

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