

APIC Memphis 007– St. Jude Global Collaboration for IPC Educational Course



Memphis APIC– St. Jude Global Collaboration



Global
Pediatric
Medicine

The *Intensive Infection Control Course for Infection Preventionists*:

- Provides training on essential IPC concepts
- Focuses on the patient population of immunocompromised children
- Targeted at the audience of infection preventionists at institutions in low- and middle-income countries around the world
- Available at no cost to participants



Memphis APIC– St. Jude Global Collaboration



Global
Pediatric
Medicine

- 4 APIC members helped develop lesson content for 35+ lessons
- 9 APIC members provided expert review of lesson content for 20+ lessons
- 4 APIC members presented at a live class meeting for *Ask the Expert* and Module Review sessions

**St. Jude Global Infectious Diseases Program
Intensive Course for the Prevention and Control of Infections**

3.3.2 WASTE MANAGEMENT AND CLEANING BETWEEN PATIENTS
Authors: Craig Gilliam MT CIC FAPIC; Maysam Homsí, MPH CCRP
Reviewer: Bethany Glover, BSN RN CIC
Editor: Keith Laycock, PhD

The goal of healthcare waste management (HWM) is to protect healthcare workers, patients, families, and the public from the transmission of infectious diseases. Certain types of hospital-generated waste, including needles and sharps, microbiologic cultures, and radioactive and chemotherapeutic waste, require specific processes for their disposal. Above all, when developing policies and procedures for HWM, the preventionist must always consider local, state, provincial, and national expectations and regulations alongside the scientific basis for regulating medical waste.

Learning objectives
After completing this lesson, participants should be able to do the following:

- LO1 – Classify the general categories of medical waste
- LO2 – Describe the process of appropriate management and treatment of medical waste
- LO3 – List methods for treating and disposing of healthcare risk waste

Medical Waste Categories
Healthcare waste refers to all the waste generated in a healthcare facility; this can be healthcare general waste or healthcare risk waste (HCRW). About 10-25% of waste generated by hospitals is considered infectious or hazardous and, therefore, requires special procedures for its disposal. This infectious or hazardous waste may contain infectious agents, sharps, hazardous chemicals or pharmaceuticals, or genotoxic or radioactive materials. The World Health Organization (WHO) defines 10 categories of healthcare risk waste:

1. *Infectious waste* comprises any waste that may host pathogens at a level that could cause infection. This waste includes bodily excretions, such as blood, saliva, urine, and feces, as well as any materials or equipment that may have been in contact with these body fluids during the diagnosis, treatment, or prevention of illness, such as surgical dressings and blood bags.
2. *Pathological and anatomical waste* includes organs, tissues, or body parts (including blood) that could be colonized or infected.
3. *Hazardous pharmaceutical waste* comprises expired, used, unused, or contaminated drugs or vaccines, as well as any vials, tubing, or bottles associated with the medications.
4. *Hazardous chemical waste* includes chemicals, whether solids, liquids, or gases, that are used to disinfect or clean within the hospital. Generally toxic, corrosive, or flammable by nature, the specific formulations describe the appropriate disposal procedures. However, the WHO allows small quantities of chemical waste to be disposed of with infectious waste.



APIC Member	Institution
Bethany Glover, BSN, RN, CIC	St. Jude Children's Research Hospital
Brenda Mitchell, RN, MS, CIC	Regional One Health
Craig Gilliam, MT, CIC, FAPIC	St. Jude Children's Research Hospital
Don Guimera, MSN, RN, CIC, CCRP, FAPIC	Methodist LeBonheur Children's Hospital
Hana Hakim, MD, MS, CIC	St. Jude Children's Research Hospital
Janet Sanders, MBAHM, BSN, RN	Methodist LeBonheur Healthcare - Germantown
Joy Joyner, BSN, RN, CIC	Methodist LeBonheur Children's Hospital
Latasha Richards, MSN, RN, CIC	Methodist LeBonheur Children's Hospital – South & Olive Branch
Laura Silver, BSN, RN, CIC	Methodist LeBonheur Healthcare - Germantown
Lauren Reeves, RN, BSN, CIC	Methodist LeBonheur Healthcare – Methodist University Hospital
Mary Anne Giannini, MT, CIC	St. Jude Children's Research Hospital
Mang Ensell, RN-BC, MSN, PhD, CIC	Veterans Affairs Medical Center
Miguela Caniza, MD, MPH	St. Jude Children's Research Hospital
Mini George, RN, MSN	Regional One Health
Sarah Carmack, BSN, RN, CIC	Methodist LeBonheur Healthcare – Methodist North



Outcomes: Online Training

2019 Course

59 participants

16 countries

39 institutions

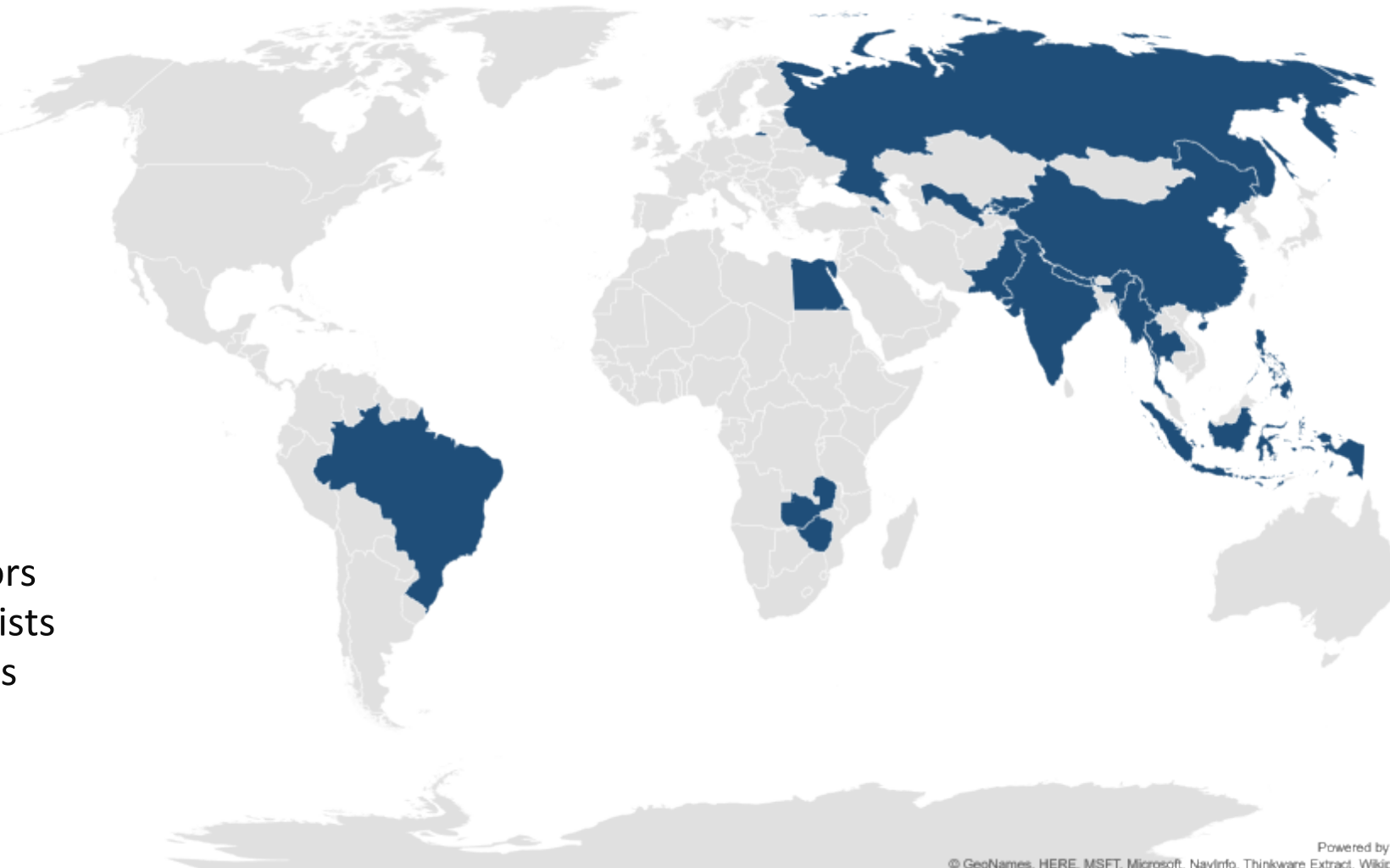
Participants

22 Nurses

31 Medical Doctors

2 Clinical Pharmacists

4 Microbiologists



Powered by Bing
© GeoNames, HERE, MSFT, Microsoft, NavInfo, Thinkware Extract, Wikipedia