BIOTERRORISM: Infection Control Practices for Patient Management

Patient Management	BACTERIAL AGENTS	Anthrax	Brucellosis	Cholera	Glanders (rarely seen)	Bubonic Plague	Pneumonia Plague	Tularemia	Q Fever	VIRUS	Smallpox	Venez, Equine Encephalitis	Viral Encephalitis	Viral Hemor, Fever	BIOLOGICAL TOXINS	Botulism	Ricin	T-2 Mycotoxins	Staph, Enterotoxin B
Isolation Precaution																			
Standard Precautions for all aspects of patient care		X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X
Contact Precautions			X								X			X					
Airborne Precautions					X						X								
Use of N95 mask by all individuals entering room					X						X								
Droplet Precautions							X					X							
Wash hands with antimicrobial soap			X	X							X			X					
Patient Placement																			
No restrictions		X						X								X	X	X	X
Cohort "like" patients when private room unavailable				X		X	X		X				X						
Private room			X	X	X	X	X				X	X		X					
Negative Pressure					X						X								
Door closed at all times					X						X								
Patient Transport																			
No restrictions		X						X	X				X			X	X	X	X
Limit movement to essential medical purposes only			X	X	X	X	X				X	X		X					
Place mask on patient to minimize dispersal of droplets					X		X				X	X							
Cleaning, Disinfection of Equipment																			
Routine terminal cleaning of room with hospital approv. Disinfectant upon discharge.				X	X			X	X		X	X	X			X	X	X	X
Disinfect surfaces with bleach/water sol. 1:9 (10% sol.)/Hospital Disinfectant		X	X			X	X							X					
Dedicated equipment that is disinfected prior to leaving room			X								X			X					
Linen management as with all other patients		X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X
Discharge Management																			
No special discharge instruction necessary		X		X	X			X	X			X	X			X	X	X	X
Home care providers need to be taught principles of Standard Precautions		X	X			X	X							X					
Not discharged from hospital until determined no longer infectious							X				X			X					
Patient usually not discharged until 72 hours of antibiotics completed							X												
Post-mortem Care																			
Follow principles of Standard Precautions		X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X
Droplet Precautions							X												
Airborne Precautions											X								
Use of N95 mask by all individuals entering the room											X								
Negative Pressure											X								
Contact Precautions											X			X					
Routine terminal cleaning of room with hospital approv. Disinf. Upon autopsy			X	X	X			X	X		X	X	X			X	X	X	X
Disinfect surfaces with bleach/water sol. 1:9 (10% sol.)/Hospital Disinfectant		X	X			X	X							X					

STANDARD PRECAUTIONS – Standard Precautions prevent direct contact with all body fluids (including blood), secretions, excretions, Non-intact skin (including, rashes) and mucus membranes. Standard Precautions routinely practiced by healthcare providers include: Handwashing, gloves when contact with above, mask/eye protection/face shield while performing procedures that cause splash/spray, and gowns to protect skin and clothing during procedures.

NEGATIVE PRESSURE ROOMS ARE:

NEGATIVE PRESSURE AREAS:

IMPORTANT PHONE NUMBERS:

Infectious Disease Service:
Infection Control:
Bioterroism Emergency Number:
CDC Emergency Response Office: 770-488-7100

Source: Cedars Medical Center, Miami.