3.23 Medical Care for Patients with an Emerging Infectious Disease (EID) on J9D, J9B and J10B

Purpose: To describe the protocol for the provision of high quality and safe healthcare for inpatients with an EID.

Audience: Physicians, nurses, respiratory therapists, transportation personnel, Environmental Services personnel, Clinical Equipment Services personnel, and Admitting personnel.

Policy Statement:

John Sealy Towers J9D

I. Physical Plant

A. J9D will have the capacity to operate under negative pressure relative to J9C.
   1. When needed for care of EID patients, the negative pressure ventilation will be activated as described in Policy 3.0 Activation of the Emerging Infectious Diseases (EID) Preparedness Plan.
   2. When negative pressure ventilation is activated, a technician from Siemens will activate the alarms on the negative pressure monitors.

B. As many beds as possible will be converted to critical care beds. The following list of equipment will be provided for each bed that will be a critical care bed.
   1. Wall mounted suction
   2. O2 flow meter
   3. Ventilator
   4. Monitor
   5. IV pump

C. Other equipment/supplies
   1. Omni Cell stocked for critical care
   2. Pixis stocked for critical care of EID patients
   3. Stocked isolation carts
   4. Beds
   5. Crash cart

D. All equipment/supplies will be prepositioned either in J9D or in a secure location on the 9th floor close to J9D.

II. Movement of patients and equipment and supplies not needed for care of EID patients out of J9D when care of EID patients is initiated.

A. All patients present in J9D will be moved to a different location(s).

B. All equipment, supplies and furniture that will not be used for EID

patient care will be moved to a new location(s).

III. Staffing of J9D

A. Physician staffing will be made up by Pulmonary/Critical Care faculty and fellows.
B. Nursing staff will be made up of critical care nurses.
C. An appropriate number of respiratory therapists will be assigned to J9D.
D. Specially trained staff from Environmental Services (ES) and Clinical Equipment Services (CES) will be assigned to J9D.
E. Pharmacy staff will deliver medications as needed.

IV. Patient care on J9D

A. Patients with a possible EID or a diagnosed EID will be isolated in single bed rooms.
B. All diagnosed cases and possible cases will be cared for by personnel wearing All Barrier Precautions (ABP) personal protective equipment (PPE).
   1. N-95 mask
   2. Goggles
   3. Gown
   4. Gloves
   5. In addition to the items above, all healthcare workers (HCWs) who may perform endotracheal suctioning will also don a face shield covering their N-95 mask and goggles prior to entering a patient room.
   6. ABP PPE will be donned and doffed as described in Policy 3.2 Isolation of Patients with an Emerging Infectious Disease (EID) or a Possible EID.
C. A powered air purifying respirator (PAPR) cart will be moved to J9D when J9D is activated for care of EID patients. All HCWs who will care for EID patients on J9D will be trained to don and doff a PAPR. PAPRs are stored in a cart which will be plugged in to maintain the charge on the rechargeable batteries that power each of the 7 PAPRs in the cart.
   1. PAPRs will be worn by all HCWs who participate in endotracheal intubation, bronchoscopy, aerosolized medication treatments, ventilation of a patient by face mask or an Ambu bag or a Code Blue.
   2. HCWs who are donning and doffing PAPRs will be assisted by an HCW who remains outside of patient rooms.
   3. PAPRs are cleaned and maintained and the PAPR carts restocked with PAPR hoods, gowns and gloves by respiratory therapists.

V. Providing food for EID patients on J9D.
   A. Food carts will be brought to the area just outside the double door entry into J9D from J9C by the Dietary Service.
   B. Food will be served on disposable trays and dishes.
   C. Food trays will be delivered to patients by the nursing staff.
   D. The disposable trays and dishes and uneaten food will be discarded in the trash receptacles in the patients' rooms.

VI. Rooms will be cleaned and disinfected everyday and after discharge of patients using a standardized list of items to be cleaned and disinfected. See Policy 3.12 Environmental Cleaning and Disinfection and Equipment Cleaning and Disinfection in Rooms Where Patients with an Emerging Infectious Disease (EID) are Hospitalized or Have Been Hospitalized or Treated.
   A. Environmental Services (ES) personnel will clean items and environmental surfaces not attached to patients.
   B. Clinical Equipment Services (CES) will clean items and surfaces of equipment attached to patients.

John Sealy Towers J9B and John Sealy Towers J10B

I. Patients with an EID that requires hospitalization, but not critical care, will be cared for in the negative pressure rooms on J9B and J10B.
   A. Negative pressure isolation rooms on J9B and J10B function continuously and do not have to be activated for EID patients.
   B. Each isolation pod on J9B and J10B will be stocked with all PPE needed for care of EID patients.
      1. The cabinet will be stocked with PPE and an isolation cart stocked with PPE will be located in each isolation pod.
      2. PPE items to be stocked.
         1. N-95 masks in all sizes
         2. Goggles
         3. Both yellow and blue gowns
         4. Gloves
            1. All sizes of latex gloves.
            2. All sizes of nonlatex gloves.
   C. A PAPR cart will be located in each isolation pod on J9B and J10B.

II. Healthcare providers for EID patients in isolation rooms on J9B and J10B.
   A. Nursing staff for care of EID patients will be selected from

staff assigned to J9B and J10B.

B. Respiratory therapists will be assigned to provide care for EID patients on J9B and J10B.
C. Physician providers will include faculty from the Division of General Internal Medicine, the Chief Residents in Internal Medicine and PGY3 Internal Medicine Residents.
D. All healthcare providers for EID patients will be trained in the use of All Barrier Precautions (ABP) and in the use of PAPRs. This will include training in double bagging techniques for trash, laundry and specimens.

III. Provision of healthcare for EID patients.

A. EID patients will be assigned blood pressure cuffs and stethoscopes that must remain in their rooms
B. Prior to entering a patient's room, healthcare workers (HCWs) will don ABP PPE following the procedures described in Policy 3.2 Isolation of Patients with an Emerging Infectious Disease (EID) or a Possible EID.
    1. N-95 mask
    2. Goggles
    3. Gown
    4. Gloves
C. HCWs will follow the procedures described in Policy 3.2 for doffing their PPE when they exit an EID patient's room.
D. Any equipment taken into an EID patient's room must be cleaned and disinfected with a quaternary ammonium compound before removal from the room.
E. Environmental surfaces in EID patients' rooms will be cleaned and disinfected daily and after discharge by Environmental Services (ES) personnel and surfaces of items attached to the patient will be cleaned and disinfected daily and after discharge by Clinical Equipment Services (CES) personnel. The procedures for cleaning and disinfection are described in Policy 3.12 Environmental Cleaning and Disinfection and Equipment Cleaning and Disinfection in Rooms Where Patients with an Emerging Infectious Disease (EID) are Hospitalized or Have Been Hospitalized or Treated.