## UPMC Adult Brain Dead Organ Donor Order Set

### COMMUNICATION
- [x] Continue UPMC brain death order set if already activated
- [ ] Bronchoscopy cart to bedside
- [ ] Obtain Blood samples
  - [x] 3 red tops for serology
  - [x] 8 yellow tops (ACD) for tissue typing
- [ ] Consult cardiology for transthoracic echocardiogram re: organ donor evaluation
- [ ] Consult cardiology for cardiac catheterization

### LABS
- [x] May discontinue ICU stat labs at the discretion of organ procurement coordinator
- [ ] **Common chemistry X 1 stat**
  - [x] Electrolytes
  - [x] BUN
  - [x] Creatinine
  - [x] Glucose
  - [x] Calcium
  - [x] Magnesium
  - [x] Phosphate
- [ ] **Liver function and pancreatic tests X 1 stat**
  - [x] Total bilirubin
  - [x] Direct bilirubin
  - [x] SGOT
  - [x] SGPT
  - [x] LDH
  - [x] Alkaline phosphatase
  - [x] GGT
  - [x] Amylase
  - [x] Lipase
- [ ] **Special Chemistry X 1 stat**
  - [x] CPK
  - [x] CPK- MB
  - [x] Troponin I now
  - [ ] Troponin I in 8 hours
  - [x] C-reactive protein
- [ ] **Hematology**
  - [x] CBC with differential and platelets
  - [x] Prothrombin time
  - [x] Partial thromboplastic time
  - [x] Fibrin split products
- [ ] **Blood bank ABO type and screen**
- [ ] **Urinary studies**
  - [x] Urinalysis
- [ ] **Microbiology**
  - [ ] Bronchoscopic BAL – send for quantitative bacterial culture, fungal culture, AFB stain and culture
  - [ ] Sputum culture
  - [ ] Blood culture
  - [ ] Urine culture
### DIAGNOSTIC TESTS
- 12 lead EKG
- Portable CXR
- Transthoracic echocardiogram
- CT scan of chest

### MEDICATIONS

#### T4 bolus and infusion
- Levothyroxine (T4) 20 micrograms IV bolus
- Levothyroxine (T4) infusion @ 10 micrograms/hour titrate to maintain MAP > 60 mmHg
- Titrate other vasopressors off as possible following start of T4 infusion

#### Lung Donors
- Antibiotics
  - Discontinue prior antibiotics
  - Unasyn 3 grams IV q 6 hours if intubated ≤ 4 days
  - Vancomycin 1 gram q 12 hours
  - Zosyn 4.5 grams IV q 8 hours
  - Cefipime 1 gram IV q 12 hours
  - Cipro 400 mg IV q 12 hours
  - Flagyl 500 mg IV q 6 hours
- Solumedrol 1 gram IV in OR (give to organ procurement coordinator)

#### Pancreas Preparation
- Antibiotics
  - Unasyn 1.5 grams IV 1 hour prior to OR if not already on Unasyn
  - Vancomycin 1 gram one hour prior to OR if not already on Vancomycin
  - Diflucan 100 mg IV one hour prior to OR
  - Flagyl 500 mg IV one hour prior to OR
- Betadine 100 ml via NG/OG tube and clamp prior to OR – do not give if intestinal bowel prep done

#### Intestinal Preparation
- Intestinal Decontamination – mix antibiotics in 50 ml of saline administer via NG tube and clamp 2 hours
  - Polymyxin E 100 mg
  - Tobramycin 80 mg mg
  - Amphotericin B 500 mg