

Intensive Care Patient Review

Case review

- **Background** (pre-admission)
 - Age
 - Baseline function
 - Co-morbidities
- **Reason for hospital and ICU admission** (admission)
 - Day in ICU
 - Reason admitted to hospital and ICU
 - Major management (e.g. operations etc.)
- **Other main issues and management** (post-admission)

Examination (top-to-toe)

- **A**irway
 - Own or type of airway
 - If intubated: correct position on CXR (below clavicles, but above the carina)? Any air leaks?
 - If tracheostomy: correct position on CXR? Type? Cuffed or non-cuffed? Size? When inserted? Why inserted (e.g. weaning, supraglottic airway obstruction)? Any air leaks?
- **B**reathing
 - Ventilation
 - Self-ventilating or ventilator settings?
 - FiO₂ (and requirement trend)
 - Tidal volumes/airway pressures (whichever is not set)
 - Respiratory rate/pattern
 - Saturations and latest ABG (pH, pCO₂, pO₂)
 - Chest exam
 - Chest drains in situ: swinging? Bubbling?
 - Last CXR/CT
- **C**irculation
 - HR, BP/MAP
 - Vasopressors/inotropes: requirements; increasing/decreasing?
 - Perfusion (capillary refill time, peripheral temperature, lactate)
 - Heart sounds
 - Peripheral oedema
 - ECG/rhythm abnormalities
 - TTE if done
- **D**isability
 - GCS
 - Sedation ± paralysis (check RASS score if paralysed)
 - Neurological exam if relevant
 - Pain control (e.g. PCA, opiates etc.)
- **E**verything abdomen (nutrition, GI, abdominal exam)
 - NG/NJ/PEG/PEJ tubes (feeding/free drainage or spigotted ± 2/4/6 hourly drainage)
 - Nutrition
 - Oral – note any oral restriction e.g. NBM, sips, clear fluids limited to ml/h, clear free fluids, free fluids, light/soft diet, normal diet
 - Enteral/parenteral nutrition (ml/h and kcal/kg/day) – note administration method e.g. NG, NJ, PEG
 - Absorbing feed? (<250ml aspirates every 4 hours)
 - Stools (when bowels last opened, type, laxatives)
 - Abdominal exam (inc. bowel sounds)
 - Drains
 - Relevant results e.g. LFTs
 - Stress ulcer prophylaxis (pantoprazole 40mg IV OD)
- **F**luids and renal
 - Fluid balance
 - Target
 - Fluid input/output
 - Urine output (ml/kg/h) – catheterised?

- Electrolyte results
- Renal function
- Acid-base balance
- Renal replacement therapy (if so: ml/h taking off net, i.e. after accounting for input)
- **G**lucose
 - Glucose level
 - Insulin requirements/VRII
- **H**aematology
 - Hb, platelets
 - Clotting
 - VTE prophylaxis (heparin 5000 units BD S/C + IPCs/TEDs)
- **I**nfection + **L**ines
 - Temperature
 - WCC, CRP, PCT (and trend)
 - Microbiology results
 - ○ Antibiotics (day)
- **L**ines
 - Vascular access (+ day post-insertion (usually replaced every 7-10 days)? Clean? Any erythema/discharge?)
 - Central line/Vascath/Hickmann/PICC (position confirmed with CXR?)
 - Arterial line

Conclusion

- **Current issues/problem list**
- **Plan**