

AHD Objectives – January 23, 2018

ICU Nephrology

- 1. What is the prevalence of AKI in the ICU and what percentage of patients require RRT?**
- 2. What are the indications for initiating RRT?**
- 3. Name the complications of RRT?**
- 4. List the most common types of RRT. What are the indications for IHD and what are the disadvantages? What is the most frequently used modality of RRT in the ICU?**
- 5. What do the addition and composition of replacement fluids serve to regulate?**
- 6. List examples of non-renal indications of RRT?**
- 7. When is termination of RRT indicated?**

Renal Replacement Therapies

- 1. What does the Kidney Dialysis Outcomes Initiative's practice guideline for CKD define as End Stage Kidney Failure?**
- 2. What are the current indications for RRT in hospitalized patients?**
- 3. What are the modalities available as current options for RRT?**
- 4. What is the mainstay of anticoagulation for the hemodialysis circuit?**

Urological Emergencies

- 1. What is the initial management of acute urinary retention? Name common causes from each class of etiologies (urethral narrowing, foreign object, medications, neurologic).**
- 2. Mortality in Fournier gangrene is most closely associated with which factors?**
- 3. What situation can cause a normal urinalysis in obstructive pyonephrosis?**
- 4. Discuss the treatment options for obstructive pyonephrosis.**
- 5. Describe the difference between intravaginal torsion vs extravaginal torsion.**
- 6. What is the diagnostic test of choice for testicular torsion?**
- 7. What is the indication for orchiectomy?**