Dialysis Exam Content Outline

Exam Objective: To measure the overall level of clinical knowledge in the area of the Dialysis Unit

Knowledge Domains - Dialysis Exam

- Anatomy Recognition: 16%
- Critical Thinking: 12%
- General Knowledge: 56%
- Specialty Skill Assessment: 16%
I. Anatomy Recognition
   A. Knowledge of renal anatomy and physiology.
   B. Knowledge of blood components related to the dialysis patient.
   C. Knowledge of anatomical components associated with infiltration.

II. Critical Thinking
   A. Knowledge of Dialysis Protocols inclusive of emergent components.
   B. Knowledge of complications commonly associated with the use of dialyzers.
   C. Knowledge of nursing measures for emergent complications associated with procedural dialysis.
   D. Knowledge of troubleshooting measures during procedural dialysis.
   E. Knowledge of potential adverse reactions to dialyzers.

III. General Knowledge
   A. Knowledge of Dialysis procedure and setup.
   B. Knowledge of solutions commonly used to prime the dialyzer.
   C. Knowledge of essential functions and principle mechanisms of Hemodialysis.
   D. Knowledge of functions of the renal system.
   E. Knowledge of complications commonly associated with the use of dialyzers.
   F. Knowledge of alarm detection and troubleshooting mechanisms for dialyzer.
   G. Knowledge of electrolyte imbalances associated with hemodialysis.

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H. Knowledge of bloodborne pathogens inclusive of transmission as it relates to hemodialysis.

I. Knowledge of roles and functions of Dialysis personnel

IV. Specialty Skill Assessment
   A. Knowledge of ratios and components utilized in assessing dialysis adequacy.
   B. Knowledge of pyrogenic reaction.
   C. Knowledge of troubleshooting measures for infiltrations.
   D. Knowledge and recognition of hemolysis.