IV Therapy/Infusion Exam Content Outline

Exam Objective: To measure the overall level of clinical knowledge in the area of Infusion Therapy.

Knowledge Domains
IV Therapy/Infusion Exam

- 37% Blood Administration
- 20% General Knowledge
- 17% IV Infusion Basics
- 13% PCA
- 7% TPN
- 7% Vascular Access Devices
I. Blood Administration
   A. Knowledge of blood product administration:
      1. IV Catheter selection
   B. Knowledge of blood and blood products:
      1. Administration
      2. Compatibility criteria

II. General Knowledge
   A. Knowledge of national organizational oversight for infusion therapy protocols.
   B. Knowledge of special considerations for IV site selection.
   C. Knowledge of medications and their effects on patients medication attributes (e.g., classification, indications and actions, side effects, and adverse reactions).
   D. Knowledge of nursing interventions regarding blood transfusion reactions.
   E. Knowledge of nursing interventions for a patient with poor IV site selection.
   F. Knowledge of patient assessment in response to IV medications.

III. IV Infusion Basics
   A. Knowledge and recognition of IV Therapy complications.
   B. Knowledge of nursing interventions for IV infiltration.
   C. Knowledge of special considerations for IV site selection.
   D. Knowledge of prepping site prior to IV insertion.
E. Knowledge of aseptic technique.
F. Knowledge of vein selection.
G. Knowledge of documentation components related to IV Therapy.
H. Knowledge of PICC line complications.

IV. PCA
A. Knowledge of controlled substances.
B. Knowledge of principles for Patient Controlled Analgesia (i.e.: complications).
C. Knowledge of safety features for electronic infusion devices.
D. Knowledge of standard protocols for wasting of PCA medication.

V. TPN
A. Knowledge of administration for Total Parenteral Nutrition.
B. Knowledge of classification and action of Total Parenteral Nutrition.

VI. Vascular Access Devices
A. Knowledge of components for central line placement verification.
B. Knowledge of provision of care for central lines.