

ACTIVE LEARNING TEMPLATE: *Therapeutic Procedure*

STUDENT NAME _____

PROCEDURE NAME IV Therapy

REVIEW MODULE CHAPTER _____

Description of Procedure

Therapy that delivers fluid directly into a vein

Indications

Drugs administered as IV solutions
Fluid resuscitation/ volume replacement
Correction of electrolyte imbalances
Administer blood transfusions and its specially prepared components

Outcomes/Evaluation

Correction of the underlying condition that produced the need for IV therapy

Potential Complications

Pain at site of injection;
infection; phlebitis;
infiltration/extravasation;
fluid overload;
hypothermia;
electrolyte imbalance;
embolism;

CONSIDERATIONS

Nursing Interventions (pre, intra, post)

Pre-test:
Confirm the need for IV therapy
Confirm that it is the right patient, right device, correct drug concentration, and appropriate level and rate of administration
Establish aseptic condition
Conduct patient education
Intra-test:
Monitor the rate of delivery and response to treatment
Assess for any signs and symptoms of complication of therapy.
Post-test:
Discard all disposable materials used
Help patient into a comfortable position

Client Education

Instruct on how to care for the indwelling catheter.
Advice on why they are receiving the therapy.
Advice on any side effects of medication.
Instruct on when to report the adverse drug reactions or complication of therapy.

Nursing Interventions

Ensure procedure conducted under aseptic conditions to avoid infections.
Administer prompt antimicrobial chemotherapy where infections ensue.
Cross check the patient's biochemical profile prior to administration of the fluid or electrolytes.
Employ appropriate phlebotomy techniques and skills to avoid infiltration or embolism.
Bring fluid to room temperature (where possible) prior to administration to avoid hypothermia.