

ACTIVE LEARNING TEMPLATE: *Therapeutic Procedure*

STUDENT NAME _____

PROCEDURE NAME Total Parenteral Nutrition

REVIEW MODULE CHAPTER _____

Description of Procedure

Total parenteral nutrition (TPN) is a procedure which is utilized when a person is not required to obtain feedings through the mouth but it is conducted through the gastrointestinal tract. fluids are passed through the veins so that the body can be supplied with the essential

Indications

Weight loss
Bowel obstruction
Extended bowel rest
Gastrointestinal fistula
Inadequate absorption

CONSIDERATIONS

Nursing Interventions (pre, intra, post)

Protein and electrolytes
Baseline with regard to output and input of the patient
Baseline levels of glucose
Baseline vital signs
Baseline bodily weight

Outcomes/Evaluation

Hyperglycemia is linked with adverse outcomes in patients obtaining TPN. The outcomes were measured as a function of mean daily blood glucose levels for patients receiving TPN.

Client Education

Client is educated on how to take care of their catheter and how to infuse TPN such as caring for the pump and catheter, how to fix problem when it occurs, flushing the catheter and how to start and stop the TPN infusion.

Potential Complications

Glucose abnormalities
Central venous access
Catheter-related sepsis
liver dysfunction
Embolism

Nursing Interventions

Frequent monitoring of serum electrolytes and triglycerides