

ACTIVE LEARNING TEMPLATE: *Therapeutic Procedure*

STUDENT NAME _____

PROCEDURE NAME **Kidney Transplant**

REVIEW MODULE CHAPTER **58**

Description of Procedure

kidney transplant can improve the quality of life for a person dependent on dialysis. matching should be done to ensure that the recipient's tissue matches with that of the donor. Assessment of blood type (ABO) compatibility and histocompatibility is considered. Clients receiving a donor kidney from a living, related donor with matching tissue type have the greatest chance of graft survival. The donated kidney is surgically implanted in the client.

Indications

indications for end-stage kidney disease include Severe electrolyte imbalance, fluid volume excess conditions, marked azotemia, Uremic lung, Anuria and Proteinuria

Outcomes/Evaluation

- Gradual return of azotemia, fluid retention, electrolyte imbalance, and fatigue

Potential Complications

- organ rejection
- ischemia
- renal artery stenosis
- thrombosis
- infections

CONSIDERATIONS

Nursing Interventions (pre, intra, post)

Pre:-Schedule preoperative laboratory assessments, administer preoperative medications
intra: Provide padding to the bony prominences, communicate surgical progress, record surgical events, monitor urine output and blood loss, arrange postoperative unit placement and communicate postoperative needs
post:. monitor blood pressure within prescribed parameters, monitor for fluid and electrolyte imbalances, check for manifestations of infection

Client Education

- prepare the client mentally and emotionally for the procedure
- the client to monitor and report manifestations of infection like fever, incisional drainage and redness.
- Instruct the client to adhere to the pharmacological regimen
- the client should be informed about the risk of a blood clot
- the client should be made aware of prescribed the diet and activity level.

Nursing Interventions

- check for manifestations of rejection
- check and report for hypertension
- prepare the client for a kidney scan to verify the status of renal blood flow
- prepare the client for emergency surgery requiring an emergency transplant nephrectomy
- explain infection control measures, such as frequent hand hygiene.