

Intravenous Access & Infusion – 30.090

INDICATIONS:

- A. Normal Saline is indicated for replacement of fluid volume losses such as in trauma, burns, dehydration, or shock.
- B. An IV lock may be substituted for an IV line in all situations, except where IV fluid is the therapy of choice for volume replacement.

PROCEDURE:

- A. IV access:
 - 1. Establish IV access and prepare NS.
 - 2. Connect an extension set between the IV hub and the solution bag and tubing.
 - 3. All IVs will be started using regular drip sets (15 gtts/ml), unless otherwise indicated.
- B. IV access with an IV lock:
 - 1. Establish IV access.
 - 2. Connect male adapter plug (with pre-flushed short extension tubing) to IV hub.
 - 3. After placement, the line should be flushed with normal saline.
 - 4. If the IV lock system is used for the administration of medication, the line must be flushed after each administration.

NOTES & PRECAUTIONS:

Normal Saline should be used with caution in patients with renal impairment (hyperkalemia), cardiac and respiratory disorders (fluid overload), or extremes of age.