Initiating the Dialysis Treatment
Using a FRESENIUS DIALYZER

1. Press **"green man to machine"** icon & confirm (pump will stop).

2. <u>Double clamp NS (normal saline)</u> line & unclamp heparin line if used.

3. Clamp both bloodlines and separate them.

4. Attach arterial line to arterial access line, venous line to venous access line.

5. Unclamp both access lines and both bloodlines.

6. Start blood pump at 150ml/min. Watch for auto-stop at system air detector. **(DO NOT LEAVE PATIENT)** *Machine will alarm with message: "Is patient connected?"*

7. Confirm (press "arrow" key); blood pump will start.

8. Increase BFR to 200. Note venous & arterial pressures or take BP to record.

9. Slowly increase BFR to prescribed speed. Press **"dialyze"** icon & initiate 30-min BP checks.
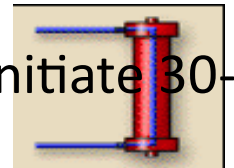
Terminating the Dialysis Treatment

1. Press "**red man from machine**" icon; confirm.
2. Clamp arterial needle (or catheter lumen) and arterial bloodline and disconnect.
3. Attach NS syringe to arterial access and flush. (If catheter, scrub hub with alcohol first.)
4. Attach arterial blood line to port on NS IV line and unclamp blood line and NS line.
5. Press "**reinfusion**" icon; confirm.
6. Press "**drain bicarb**" button; confirm.
7. Infuse saline until lines clear or auto-stop (about 280ml); clamp venous line & access.
8. Take patient's sitting & standing BPs.
9. If BP is ok, disconnect venous line from access. Cap needle or scrub venous lumen hub & attach NS syringe; flush. Connect venous line to blood tubing; use connector or med port
10. Press "**drain dialyzer**" icon & confirm.
11. Disconnect blue dialysate hose & attach to rinse bridge. Unclamp all bloodline clamps. Pull venous line from clamp, remove transducer lines & blood pump segment.
12. After dialyzer & NS bag drain, replace red dialysate hose to rinse bridge, place bloodlines/dialyzer in biohazard bin, then push "**disinfect**" icon to start descaling. (Acid is still connected.)
13. After descaling, machine returns to disinfection screen. For next pt, exit screen and choose "**Hemodialysis**". If no more pts, remove bicart and select "**citric thermal disinfect**" icon.