



Power Failure During Dialysis Manually Returning the Blood Procedure



2008K@

Bringing Home Therapy Excellence
Fresenius Medical Care



During a power failure, the blood pump stops and the Venous Clamp closes. The dialysate flow pump, heater, blood leak detector and level detector stop working. All machine lights go out, and a steady, audible alarm will sound for seven minutes. The alarm cannot be silenced with the Mute key.

The blood pump can be operated by hand to immediately return your blood or, if power is expected to return soon, to keep the blood in circulation. Follow the steps on the next page to turn the blood pump using the emergency hand crank.

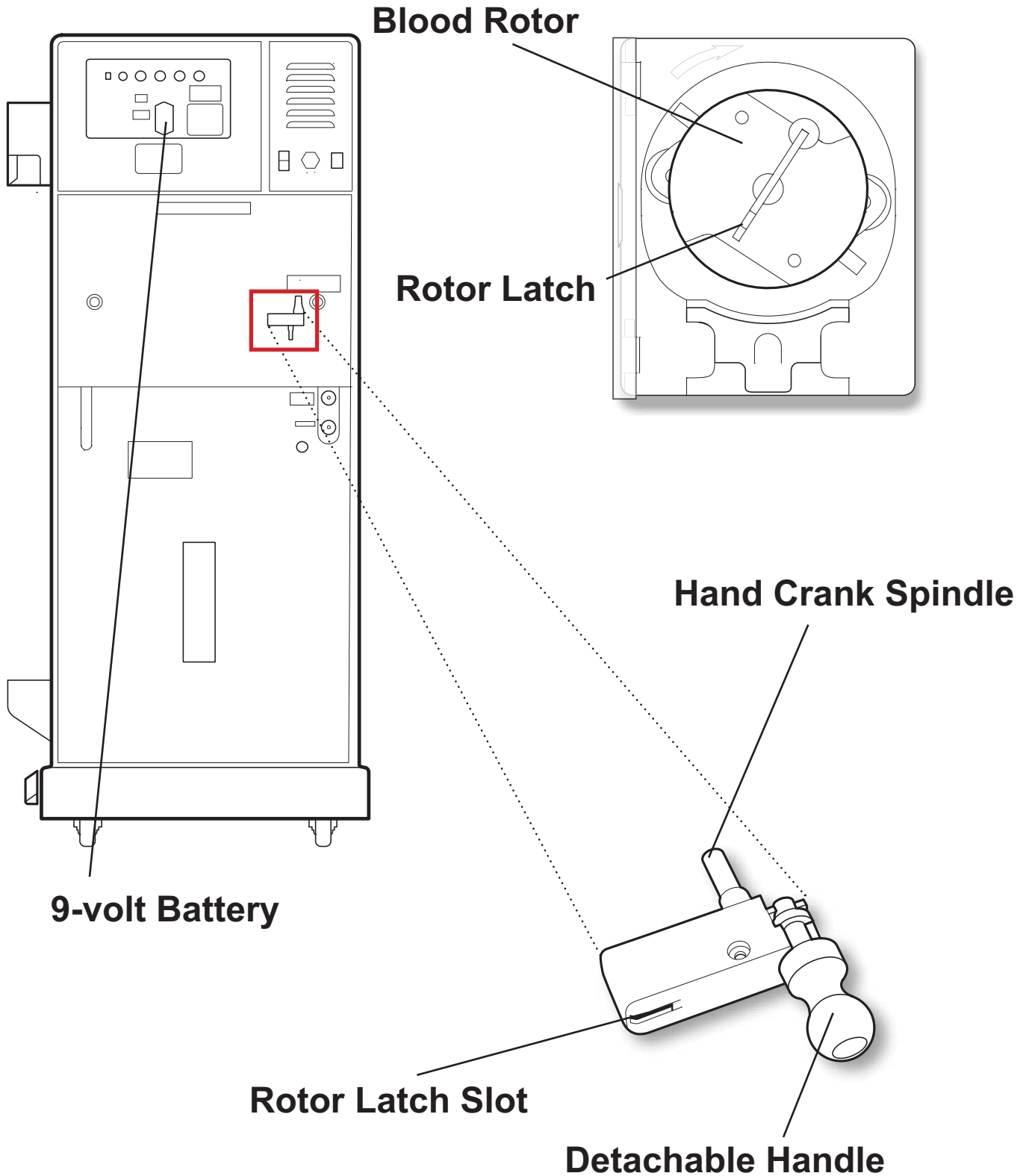
The emergency hand crank is attached to the back of your machine.

i Note: As a precaution, the handle knob will detach from the crank if you try to turn the rotor in the wrong direction. An arrow stamped on the blood pump module, above the rotor, points in the correct direction of rotation (clockwise).

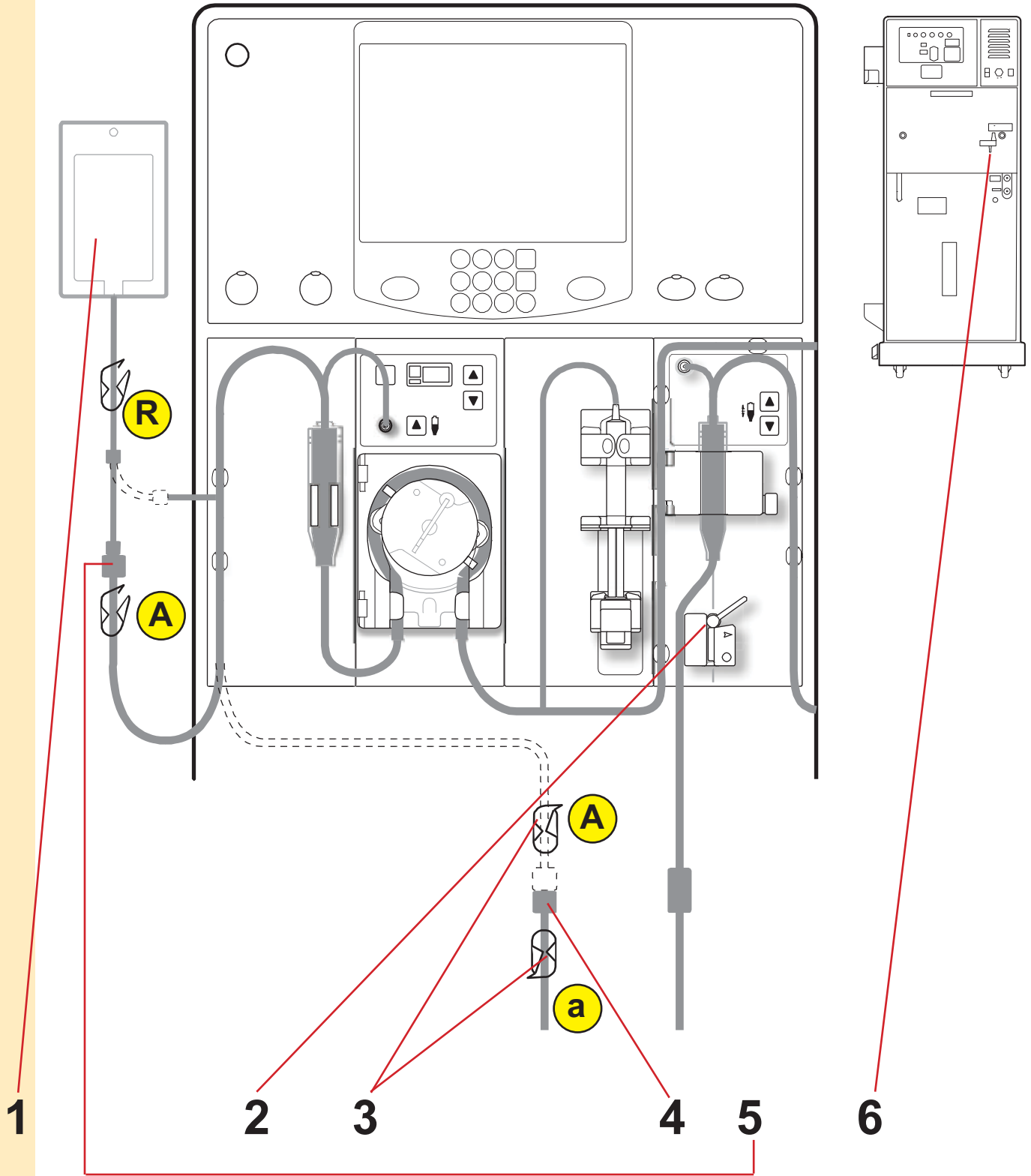
Indications for Use: The Fresenius Medical Care 2008K@home™ machine is indicated for acute and chronic dialysis therapy in an acute or chronic facility. The 2008K@home machine is also indicated for hemodialysis in the home and must be observed by a trained and qualified person as prescribed by a physician.

Caution: (US) federal law restricts this device to sale by or on the order of a physician or other licensed practitioner. For safe and proper use of the device refer to the device's Instructions for Use. See full package labeling for a complete description of hazards, contraindications, side effects and precautions available at www.fmcna.com.

Power Failure During Dialysis



Returning the Blood Manually





1. Check saline bag amount.

Check that the saline bag contains enough saline to rinse back your blood. Replace the saline bag with a fresh one, if necessary.

2. Remove venous line from Venous Clamp.

Caution: Do not forcefully pull the lines from your machine. Damage to your machine, or its sensors, may result.

3. Close arterial line clamps. (A) (a)

4. Disconnect arterial access bloodline.

5. Connect arterial line to saline bag, open clamps. (A) (R)

Disconnect the red end of the recirc connector from the saline line. Tightly reconnect it to the patient end of the arterial line. Open the patient arterial line clamp. Open the saline line clamp.

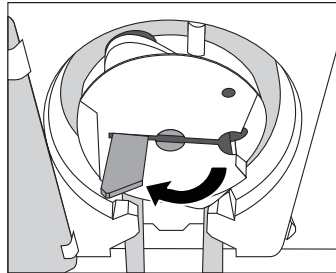
6. Retrieve emergency hand crank.

The hand crank is located on the back of your machine.

(continued on next page)

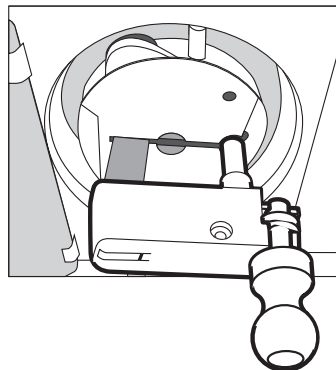
Returning the Blood Manually

7. Open blood pump door, flip rotor latch outward.



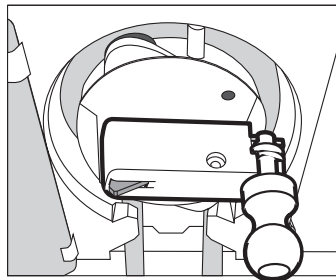
8. Line up hand crank with rotor.

Line up the crank handle's slot and spindle with the rotor latch and spindle hole.



9. Slide hand crank into place.

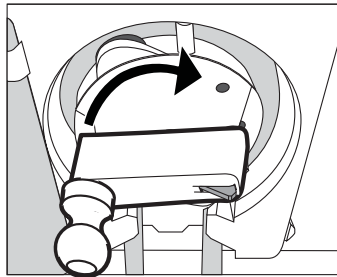
Slide the crank handle in as far as it will go—the rotor latch will extend slightly beyond the crank handle.








10. Rotate hand crank, rinse back blood with saline.

Rotate the crank clockwise ↻. Turn the crank 6 to 10 revolutions per minute for a flow rate of 60 to 100 ml/min. Use the “My Treatment Procedures” sheet in your 2008K@home machine User’s Guide, for instructions on rinsing back your blood.



-  **Warning:** Carefully watch the venous chamber and bloodline for air intakes. Be sure no air enters your access.
-  **Warning:** Keep fingers clear of the blood pump rotor when it is turning. Serious injury may occur.
-  **Note:** During a power failure, your machine’s safety systems are inactive.

11. Disconnect when blood is returned.

Clamp and disconnect the venous access line when your blood has returned. You may now remove the needles from your access. Use the “My Treatment Procedures” sheet in your 2008K@home machine User’s Guide, when caring for your access site to prevent infection.



EFFECTIONS



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