CHANGING THE SOLUTION CONTAINER

1. Press the PAUSE key.
2. Change the solution container.
3. Highlight REPEAT RX, then press YES.
4. Highlight correct therapy if requested, then press YES.
5. If any on-screen alerts appear, press the YES key.
6. Note any on-screen ADVISORY and press YES to continue.
7. The program will auto-scroll (or confirm each field by pressing YES).
8. Press RUN to start the infusion.

CHANGING THE RX

1. Press the PAUSE key.
2. Press YES to RESUME.
3. Press NO to review.
4. Press YES to each field until the value to change is reached.
5. At the desired field(s), enter the new program parameters (enter access code if prompted). If an access code was needed, enter the new parameters again. Press YES to confirm.
6. Press YES to all other highlighted areas if no other changes are to be made.
7. At DONE? press YES.
8. Press RUN to start the infusion.

TROUBLESHOOTING:

NOTE: For all alarms except INFUSION COMPLETE, follow these instructions before proceeding to the RESOLUTION section below. To silence and exit Alarm/Alert screens, press the PAUSE key, press YES to RESUME, then resolve the alarm. When ready to resume the infusion, press RUN to start the infusion.

LCD DISPLAY/RESOLUTION/POSSIBLE CAUSES

INFUSION COMPLETE

Press PAUSE, attach new solution container, highlight REPEAT RX and press YES. The program will auto-scroll (or confirm each field by pressing YES). If therapy is complete, turn pump off.

AIR-IN-LINE

Press the PRIME key, then follow on-screen instructions to remove air from the tubing and IV bag. CAUTION: Disconnect set from patient's access site before priming. Sets with in-line ASVs must be primed on the pump.

ALARM DOWN OCCLUSION

Down occlusions auto-correct when occlusion is resolved without the need to press PAUSE. Check the tubing from pump to patient's IV site for cause, then correct obstruction per protocol. Consider changing the ON Occlu setting from LOW to HIGH (See OPTIONS section). Possible causes: kinked or clamped line, infiltrated/positioned IV site, viscous solution, small gauge catheter.

ALARM UP OCCLUSION

Check tubing from pump to IV bag for cause, then correct obstruction per protocol. Possible causes: glass container without vented spike adapter, line kinked in pump door, bag empty, bag not spiked properly.

ALARM HIGH UP PRESSURE

Check for excessive pressure on IV bag. Causes: uneven fluid distribution within lockbox or carrying pouch, object pressing on solution container.

ALARM SET NOT INSTALLED

Use only Curlin administration sets. Check that set is installed properly. Refer to Instructions for Use in set package or Installing Administration Set section in this guide. Possible causes: tab not removed from yellow Flow-Stop, blue guide pin or yellow Flow-Stop not properly seated in receptacles, no set installed.

ALARM UNATTENDED

The pump will alarm when left idle for 2 minutes. Press RUN to start the infusion or press OFF to power down the pump.

ALARM REPLACE SET 3

Replace set and prime if necessary. Possible causes: flattening of the soft pumping segment of the set due to overuse, use of a glass container without a vented spike adapter, excessive plunger stiction with syringe use.

ALARM REPLACE SET 4

Equalize the pressure in the set by priming (disconnect from the patient). Turn pump OFF then ON to reset the sensor prior to resuming the infusion.

ALARM DOOR OPEN

Check placement of the administration set and close pump door properly. See User's Manual for instructions.

ALARM EMPTY BATTERY

Turn pump off by pressing the OFF key. Install 2 new batteries and turn pump back on.

ERROR CODE

If an error code occurs, turn pump off and consult provider or manufacturer.
INSTALLING/CHANGING THE BATTERIES
1. Open pump door.
2. Remove the old tubing.
3. Remove the new administration set from the package.
4. Twist and remove breakaway tab from YELLOW Flow-Stop.
5. Locate the BLUE and YELLOW arrows inside the pump as a reference point.
6. Insert the tubing using the reference points.
7. Ensure the tubing passes through the notch in front of the door hinge.
8. Center tubing over pumping fingers.
9. Close the door securely. Be sure top of door is flush with top of the pump.

PRIMING THE SET
CAUTION: Disconnect set from patient’s access site before priming.
NOTE: Review program settings prior to priming.
NOTE: Filters must be primed in the upright position (do not invert). Refer to Instructions for Use in set package.
BY GRAVITY:
NOTE: To remove air from IV bag, turn bag upside down after attaching the set and gently squeeze bag while priming until air is eliminated from the bag.
1. Twist and remove breakaway tab from YELLOW Flow-Stop prior to connecting to solution container.
2. Squeeze YELLOW Flow-Stop between thumb and forefinger to allow fluid to flow through tubing.

BY PUMP:
NOTE: Therapy must be programmed and administration set must be installed into the pump prior to pump priming. Sets with in-line ASV must be primed on the pump.
1. Release any clamps on the administration set.
2. Press the PRIME key from the “RUN TO START” screen.
3. Press and hold the PRIME key until set is free of air; release PRIME key to stop (each prime cycle allows up to 6 mL of fluid).
4. Press the YES key to exit priming.

INSTALLING THE ADMINISTRATION SET
1. Press YES to PROGRAM (or LIBRARY if using the protocol LIBRARY).
2. Press YES to RESUME (or YES to Repeat RX if current container has not begun or if changing the container).
3. Press RUN to start.

PROGRAMMING A VARIABLE THERAPY USING MANUAL PROGRAM MODE
NOTE: When operating the pump on battery power, the LCD screen dims after a period of time to conserve battery power. Any keypress will illuminate the screen.
NOTE: Use the UP/DOWN ARROW keys to move highlighter. Use the numeric keys for data entry.
1. Turn the pump ON and wait for the self-test to complete.
2. Highlight PROGRAM from the select menu and press YES.
NOTE: The following screen (“NEW PROGRAM”) will not appear if the previous RX has been cleared from the pump. If this screen does not appear, skip to step #4.
3. Highlight NEW PROGRAM and press YES. Enter access code, if prompted.
4. Highlight VARIABLE from the therapy selection menu and press YES. If any on-screen alerts appear, press the YES key.
6. Select units: Press YES if units desired is indicated (choices are mg, mcg or mL). To change units press NO until desired unit is reached, then press YES to confirm. If mg or mcg is selected, enter the concentration and press YES.
7. Press YES to leave the Delayed Start Off, or press NO to set a delay and refer to the Delayed Start section.
8. At Next? Press YES to continue.
9. Enter Bag Volume, press YES.
10. Enter # DOSES, press YES (# DOSES is the number of rate changes or “steps” for the therapy).
NOTE: If a KVO rate of 0.1 to 10 mL is entered, the pump will give audible alerts every 20 minutes at the end of the infusion. Whereas if zero KVO is entered the pump will alarm every 3 seconds at the end of the infusion.
11. Enter KVO rate (if any), press YES.
NOTE: To force an auto-calculation, enter any 2 of the 3 entries: Amt TBI, RATE or TIME, the unknown field will auto-calculate. Bypass the unknown field by using the DOWN ARROW key. Enter the known fields pressing YES to confirm each. The unknown field will auto-calculate. Press YES to confirm this field.
13. Enter Amt TBI (if known), press YES.
14. Enter RATE (if known), press YES.
15. Enter TIME (if known), press YES.
16. Continue pressing YES if needed until the NEXT? field is highlighted.
17. At Next? Press YES to continue.
18. Continue to enter Amt TBI, RATE and TIME for each of the subsequent doses, pressing YES to confirm each.
NOTE: If the remaining bag volume is to be infused on the final dose, enter the entire bag volume in the Amt TBI field. An Alert will appear on the screen, alerting the user the MAX amount that can be entered. When the final dose screen returns, enter the max amount listed into the Amt TBI field and press YES to confirm. Continue entering the RATE and TIME, pressing YES to confirm each.
19. At Next? Press YES to continue.
20. The last screen is the Summary screen. Press YES after TOT DOSES, TOT TIME and REQ VOL to confirm each value.
21. Press YES at DONE!

CAUTION:
Previous RX must be cleared from the pump prior to new patient use. Refer to the “CURLIN 6000 TRAINING & QUICK REFERENCE GUIDE FOR BETWEEN PATIENT USE” (Contact Customer Service for information).

PROGRAMMING A VARIABLE THERAPY USING PROTOCOL LIBRARY MODE
NOTE: When operating the pump on battery power, the LCD screen dims after a period of time to conserve battery power. Any keypress will illuminate the screen.
NOTE: Use the UP/DOWN ARROW keys to move highlighter. Use the numeric keys for data entry.
1. Turn the pump ON and wait for the self-test to complete.
2. Highlight LIBRARY from the select menu and press YES.
3. Highlight NEW PROGRAM and press YES. Enter access code, if prompted.
NOTE: While YES is highlighted in the Page Down field, press YES to move to the next page while in the CAT (category) and DRG (drug) menus.
4. Highlight the desired CAT, press YES.
5. Highlight the desired DRG, press YES.
6. Press YES to ACCEPT?
7. If any on-screen alerts appear, press the YES key.
8. Note any on-screen ADVISORY and press YES to continue.
9. Press YES to confirm the dosing UNIT.
10. If a concentration is present, ensure the concentration matches the medication container. If correct, press YES to confirm.
11. Press YES to leave the Delayed Start Off, or press NO to set a delay and refer to the Delayed Start section.
13. Accept pre-programmed values for BAG VOL, # DOSES and KVO if they are correct, by pressing YES to each field.
14. If changes are needed to the pre-programmed values, highlight the desired field and press NO. Enter the correct value and press YES.
15. Continue as above until NEXT? is highlighted.
17. Accept pre-programmed values for Amt TBI, RATE and TIME for each dose if they are correct, by pressing YES to each field.
18. If changes are needed to the pre-programmed values, highlight the desired field and press NO. Enter the correct value and press YES. At the NEXT? field in each dose, press YES to continue.
19. Press YES to each value in the summary screen; TOT DOSES, TOT TIME, REQ VOL.
20. Press YES at DONE?

“RUN TO START” SCREEN
1. Press the NO key to review the program and/or change the RX (see CHANGING THE RX section for instructions).
2. Press the OPTIONS Key to review or change desired pump settings (see OPTIONS section for instructions).
3. Press the PRIME Key to prime the set (see Priming section for instructions).
4. Press RUN to start the infusion.

SETTING A DELAYED START
1. At the Delay field, press NO to OFF, then press YES to ON.
2. Enter Time infusion should begin (HH:MM), press YES.
3. Enter Date infusion should begin (MM/DD/YY), press YES.
4. Press YES to ACCEPT.