



EBOO STEP-BY-STEP INSTRUCTIONS

(FOR O3UV EBOO FULL SPECTRUM)

1. PRE-SET UP

- Discard part numbers 5506 if not doing EBO2 Protocol

2. SET UP

- Connect the Diffuser/Filter first (blue to sky, red to the floor), angle inlet & outlet ports toward the pump
- Start with the Blue line first (P-5501) to make sure that cuvette is safe in the UBI machine.
- Red Draw line is next (P-5502) and connects to the clear side port of filter
- Open/Move clamps on the red and blue line so they are closer to Y-Port and leave open.
- All connections that are left will be color coded
 - Light Blue = suction cup
 - Red = red (bottom of filter)
 - Blue = blue (top of filter)
- Blue line with threaded end (P-5503) will connect to top of filter and then to ozone output port and SECURE CLAMP after you connect it
- Suction Cup Instructions
 - Red to patient (P-5504)
 - Ortho to destruct (P-5505)
 - Vacuum left open
 - Open end of destruct faces up
- Three things MUST be clamped before you prime
 - Top of the filter going into ozone port
 - Bottom of the filter – red to patient side on cup
 - Line going to 30mL syringe

3. PRIMING

- Clamp red line distal to patient access.
- Connect Heparinized saline line to the Y-Port closest to patient access on the red tubing.
- Prime the red line proximal to patient access first with the distal line going back to the machine clamped. Once you have no bubbles, clamp the red clamp closest to patient access, then open the red clamp going to back to the machine

Decide if you are priming via gravity or pump.

4. GRAVITY PRIMING

- Now you watch the saline level rise in the filter
- Once you see saline enter the drip chamber, start counting to 5 then unclamp the 30 mL syringe, draw up air until the saline level in the is about halfway. You will then need to clamp the syringe line.
- Locate blue line and let the saline run until you have no bubbles, then clamp the blue line proximal to patient access
- Close heparin line!
- Move heparin line to Y-Port site distal to patient access (closest to pump)
- Place fat part of red tubing into peristaltic pump and confirm machine is set to 14.
- **Anytime you pause the therapy, clamp both lines proximal to patient**

5. PUMP PRIMING:

- Place fat part of red tubing into peristaltic pump and confirm machine is set to 14.

EBOO STEP-BY-STEP INSTRUCTIONS (CONT)

- Press play so tubing engages with peristaltic pump, then press fast forward (double arrows pointing to right). Priming selection is confirmed by 3 lines on the digital display.
- Now you watch the saline level rise in the filter
- Once you see saline enter the drip chamber, count to a quick 3, then unclamp the 30 mL syringe, draw up air until the saline level in the is about halfway. You will then need to clamp the syringe line.
- Locate blue line and let the saline run until you have no bubbles, then PAUSE machine and then CLAMP the blue line proximal to patient access
- Close heparin line!
- Move heparin line to Y-Port site distal to patient access (closest to pump)
- Anytime you pause the therapy, clamp both lines proximal to patient
- Clamp the red line clamp proximal to the patient
- Clamp the blue line clamp proximal to the patient
- Take the tourniquet off and remove the red line and place gauze on patient
- Unclamp the blue clamp and make sure both blue clamps are open
- Wrap catheter from the red line in a glove and press play on the machine while unclamping the red clamp
- Follow the air through the red tubing, into the diffuser, then into the drip chamber and through the cuvette.
- Once air gets to the blue clamp closest to the machine, clamp the line then pause the machine.
- Remove blue line catheter from the patient
- Congrats you are done!

6. DURING TREATMENT

- Pump rpm needs to be at 14 rpm and using the large diameter tubing.
- Good flow into the drip chamber is everything.
- Look for pulse in Y-Port to see if you need to adjust saline drip
- If drop chamber is rising, you have a return (blue) line access issue
- If drip chamber is falling, you have a draw (red) line access issue
- Red in the cup is bad and treatment needs to be terminated

7. STOPPING THE TREATMENT

- Pause the machine
- Remove tourniquet

8. SET TEAR DOWN:

- Clamp red line closest to catheter
- Open hood and pull cuvette
- Open peristaltic pump and remove red line
- Pull Heparinized bag, syringe & drip chamber
- Unscrew ozone line from EBOO machine
- Clamp the red to patient line and remove from cup
- Remove filter from pole
- Remove tubing from destruct to the collection cup
- Remove the collection cup
- DONE!