Removal of "Stuck" TherMax Blood Warmer Bag

The TherMax blood warmer bag should slide out easily from the TherMax heating unit. After following the end-of-treatment instructions, you should be able to easily remove the bag after unlocking the device.

If the bag does not come out easily, DO NOT tug or try to force it out. This may break the heater unit or prevent it from closing properly for the next treatment. A TherMax that does not close or latch properly will prevent the unit from heating the blood (full plate contact is required) and may generate a fatal error due to inability to maintain temperature targets.

To remove a "stuck: bag:

- A. Turn off the heater and wait until the plate cools. If the heater remains on when the blood is no longer circulating, the bag may overheat and "fuse" to the plates.
- B. Attempt to open the 2 latches (one on either side) and lift the top plate to access the heater bag. Do Not force it open.





- C. If the bag is full or you cannot lift the plate, you will need to release the pressure as follows:
 - 1. Ensure proper PPE with eye protection
 - 2. Obtain 2 clamps (navy blue or Kelly)
 - 3. Identify the heater tubing that exits the right side of the machine (as you face the heater).
 - 4. Clamp the tubing before AND after the Luer-Lock connection on this tubing (the Luer-Lock connection closest to blue sampling port)
 - 5. Disconnect the Luer-Lock connection and connect a 50-60 mL Luer-Lock syringe
 - 6. Release the clamp that leads to the syringe; the syringe should fill quickly with blood
 - 7. The bag should slide out easily if the heater unit is unlocked

If you are unable to get the heater bag out of the unit, DO NOT force it. Leave it in place and send the machine down for service.

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