



SET UP

Open the package using aseptic procedures.

Place the catheter in situ. Remove the trocar, secure the catheter, and connect the catheter to the inlet tubing.

1. To vacuum the system and evacuate air from the operation area, close the inlet clamp.
2. Compress the bellows.

3. Open the inlet clamp again. Repeat steps 1–3 until blood starts to flow, or the bellows remain in a compressed, vacuumed state.

4. Close the outlet clamp.

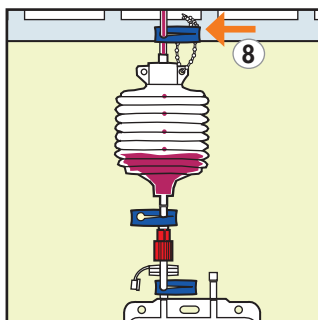
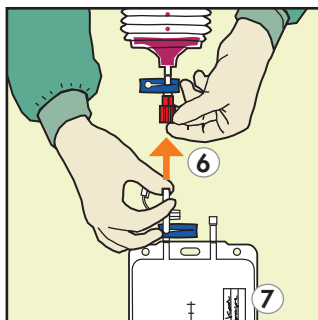
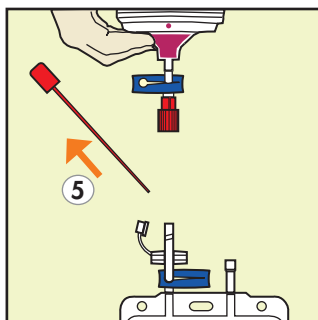
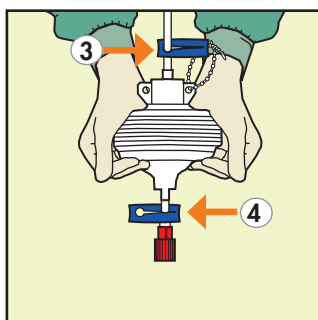
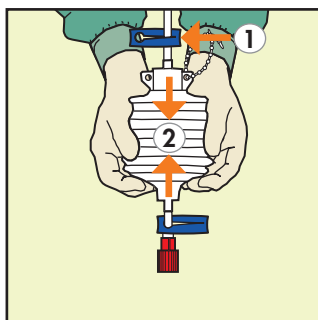
If tourniquet is used: To avoid clotting, close the inlet clamp after the last compression of the bellows. Reopen the inlet clamp to start collection approximately 15 minutes after the release of the tourniquet.

5. Remove the protective cap from the bag inlet.

6. Attach the Autotransfusion bag to the outlet port of the bellows using the screw connector.

7. Mark with the identity of the patient, what time the collection started, and definite time when the collection should be terminated on the bag (blood collection should be completed within 6 hours of the start of collection).

8. Hang the Bellovac™ ABT in an upright position, using the bed rail strap. Send the Transfusion Set, with the patient, to the postoperative ward.



SET UP

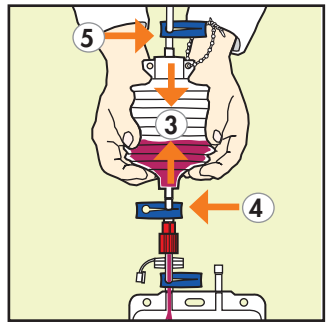
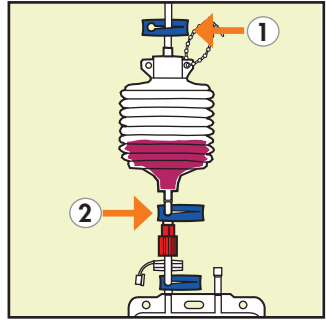


BLOOD COLLECTION

Blood collection

Make sure that the Autotransfusion bag is correctly marked, with the identity of the patient, what time the collection started, and definite time when the collection should be terminated.

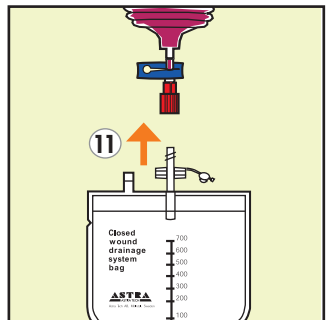
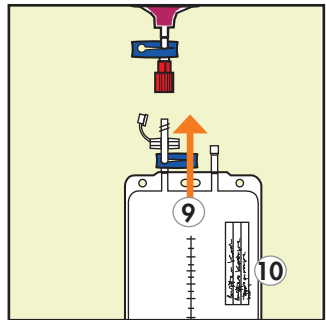
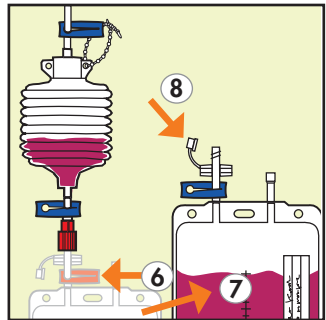
1. To empty the contents of the bellows into the Autotransfusion bag, close the inlet clamp of the bellows.
2. Open the outlet clamp.
3. Compress the bellows slowly using the palms of both hands, transferring the liquid into the bag.
4. Close the outlet clamp.
5. Open the inlet clamp to continue drainage.



Bag exchange

Make sure that the outlet clamp of the bellows is closed.

6. Close the inlet clamp of the bag.
7. Disconnect the full Autotransfusion bag.
8. Seal off with the cap attached to the bag inlet.
9. Connect a new bag by turning the screw connector tightly. Be careful so that contamination is avoided.
10. Mark the new bag with the same times as the original bag and new bag number.
11. After six hours (maximum) of blood collection the Autotransfusion bag **must** be exchanged for a standard Astra Tech drainage bag. The same procedure as described above is applied when changing to the Astra Tech Exchange drainage bag.

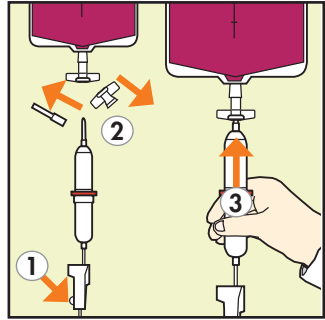




REINFUSION

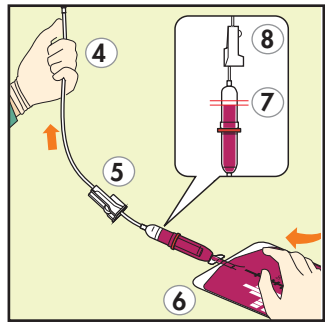
Open the Transfusion Set using aseptic procedures.

1. Position the roller clamp on Transfusion Set adjacent to the drip chamber and close off.
2. Remove the protective caps from the piercing spike and the spike port of the Autotransfusion bag.
3. Insert the piercing spike into the spike port.

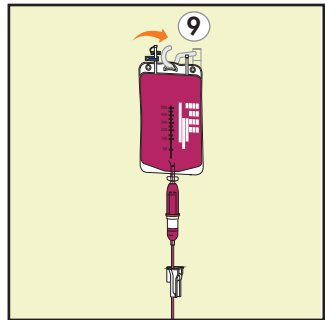


To expel any air from the Autotransfusion bag and to prime the filter and drip chamber:

4. Invert the Transfusion Set and the Autotransfusion bag.
5. Open the roller clamp.
6. Gently squeeze the Autotransfusion bag (retrograde priming).
7. Fill up to the mark on the drip chamber.
8. Close the roller clamp ensuring that the level is maintained in the drip chamber.

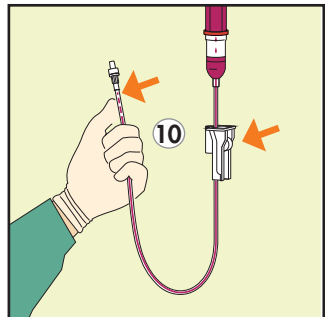


9. Suspend the Autotransfusion bag on the drip stand (IV pole).

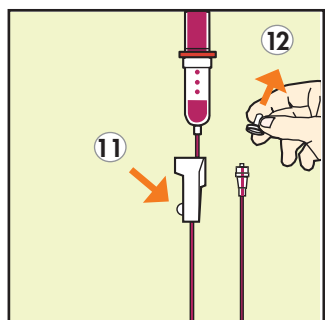


10. Carefully open the roller clamp and expel all the air from the tubing.

Note! The tubing must not be connected to the patient's IV cannula while air is being expelled.



11. Close the roller clamp.
12. Remove the protective cap from the end of the tubing.



Attach to venipuncture device. Adjust the roller clamp to start reinfusion.



EXTENSION LINE

The Extension Line is used as an extension between the Bellovac ABT outlet and the Autotransfusion bag. The Extension Line can be used if it is necessary to maintain a closed circuit (for religious reasons) during blood collection and reinfusion.

Set up

Go through with procedures 1–4 of the Set Up instructions. Thereafter connect the inlet port of the extension line to the bellows using the screw connector. Remove the protective cap from the autotransfusion bag and connect the bag to the outlet port of the extension line using the screw connector. Continue with procedure 7 of the Set Up instructions. If the Transfusion Set is to be connected to the venipuncture site before it is filled with blood, it has to be primed with saline solution.

Blood collection

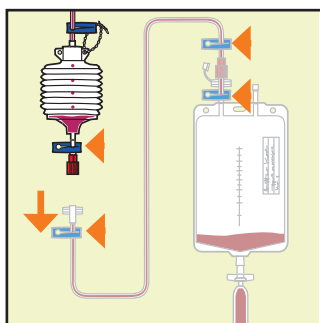
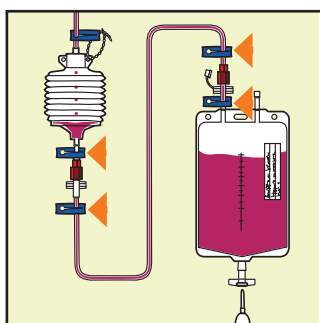
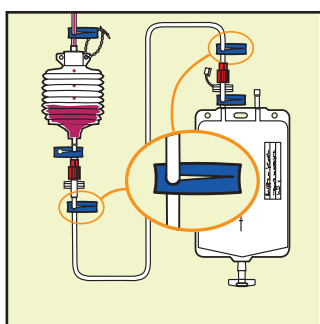
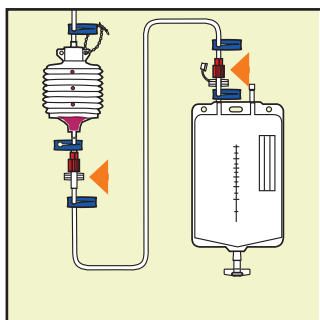
Leave both clamps of the Extension Line open and work with the inlet and outlet clamps of the bellows as described in the instructions given for Blood collection.

Reinfusion

Make sure that the following clamps are closed prior to reinfusion; outlet clamp of the bellows, inlet and outlet clamp of the Extension Line, and inlet clamp of the bag. Carefully follow the instructions given for Reinfusion.

Exchange of bag and Extension Line

If a second unit blood is to be collected and reinfused, the Extension Line, Autotransfusion bag, and Transfusion Set must be exchanged. To avoid the blood from being disconnected from the body (for religious reasons), starts retransfusion before exchanging the extension line and autotransfusion bag. In this way the blood is always in contact with the body. Make sure that the outlet clamp of the bellows is closed. Close the inlet clamp and the outlet clamp of the Extension Line, and the inlet clamp of the Autotransfusion bag. Disconnect the used Extension Line, Autotransfusion bag and Transfusion Set, and connect new ones applying previously described procedures for Set Up.





Bellovac™ ABT
YOUR OWN BLOOD™

Bellovac ABT product range

Bellovac™ ABT Set

Ref no 68396 Bellovac™ ABT Set FG10 with trocar
Ref no 68397 Bellovac™ ABT Set FG14 with trocar
Ref no 68398 Bellovac™ ABT Set FG18 with trocar

Bellovac™ ABT Accessories

Ref no 68376 Y-connector and catheter FG 10
Ref no 68385 Y-connector and catheter FG 10 with trocar
Ref no 68377 Y-connector and catheter FG 14
Ref no 68386 Y-connector and catheter FG 14 with trocar
Ref no 68378 Y-connector and catheter FG 18
Ref no 68387 Y-connector and catheter FG 18 with trocar
Ref no 68379 Companion Set (Autotransfusion bag and Transfusion Set)
Ref no 68380 Extension Line
Ref no 68381 Transfusion Set
Ref no 68337 Exchange drainage bag – PVC-free

CE 0088

STERILE EO



Manufactured by: Astra Tech AB, Box 14, SE-431 21 Mölndal, Sweden
Tel: +46 31 776 30 00. Fax: +46 31 776 30 10
Internet: www.astratech.com

ASTRA
ASTRATECH

 A company in the
AstraZeneca Group

Astra Tech AB, Export Department, PO Box 14, SE-431 21 Mölndal, Sweden.
Tel: +46 31 776 30 00. Fax: +46 31 776 30 23.
www.astratech.com E-mail: export.se@astratech.com