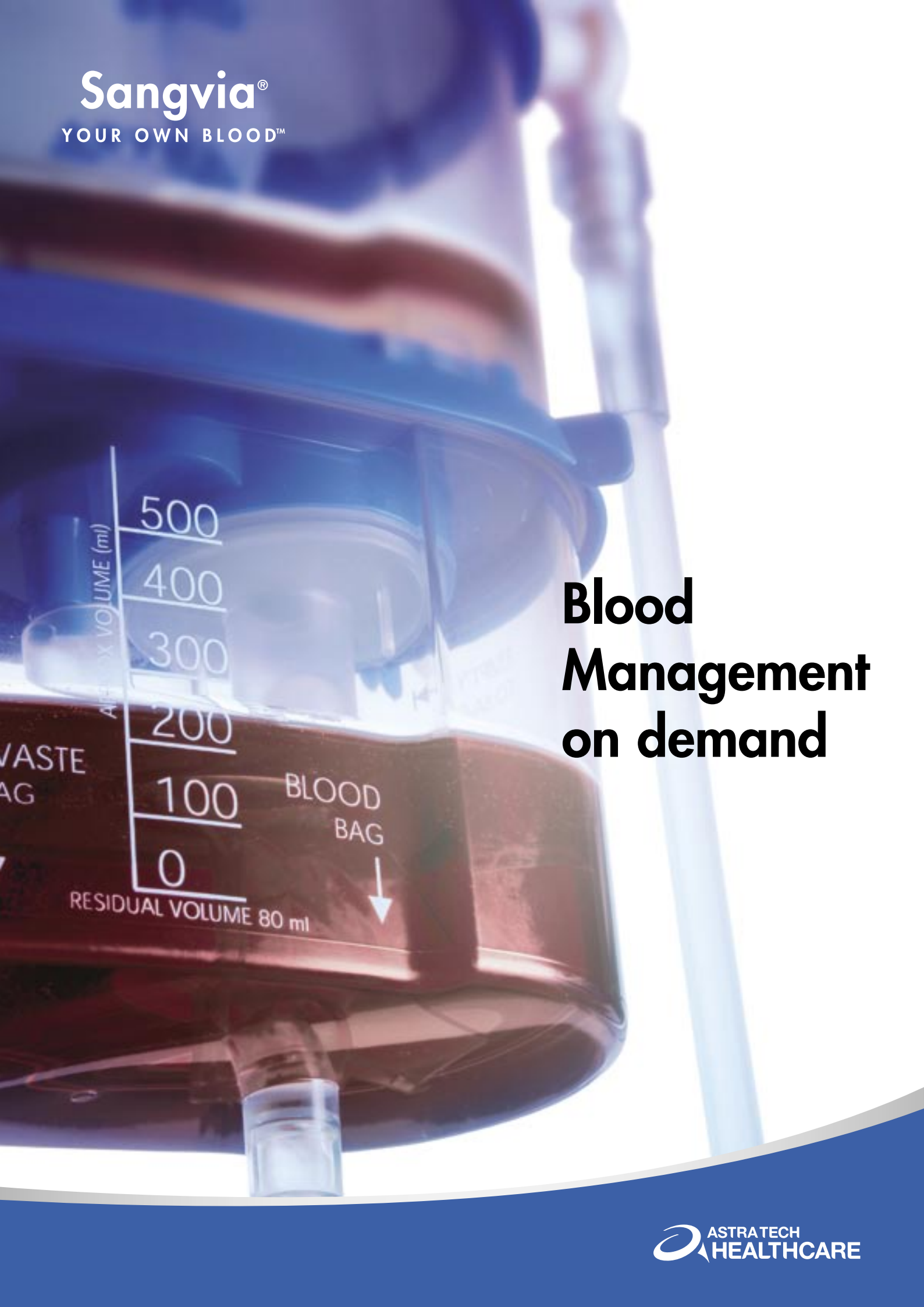


Sangvia[®]
YOUR OWN BLOOD™



Blood Management on demand



Sangvia[®]
YOUR OWN BLOOD™

Simplifies intra-operative autologous blood reinfusion

Astra Tech is a leading name in the field of blood salvage. If you are familiar with the post-operative Bellovac[®] ABT then this certainly comes as no surprise. The safe, simple all-in-one unit is used and respected worldwide. Now we offer you another step: the Sangvia[®] blood salvage system for intra-operative autologous blood reinfusion. Ready when you need it.

The Sangvia[®] blood salvage system is a totally closed system that collects, filters and reinfuses shed blood during operation. A post-operative set can be connected, thereby allowing a continuous collection and reinfusion after the operation.

Autologous whole blood salvage is cost-effective and requires less handling than competing solutions.¹

Why Sangvia®?

- Ready when you need it
- Easy to learn, easy to handle
- The need for blood transfusion can potentially be reduced
- Helps to ensure supply of allogenic blood to more critical indications
- Avoids the problems and risks connected to allogenic transfusion ^{2,3}
- Cost-effective

This is Sangvia®

Collection unit with two chambers
The upper unit has an integrated 200 micron filter. The lower chamber has a reinfusion capacity of 500 ml each emptying, and a residual volume of 80 ml for fat content.

To vacuum source

Anticoagulation

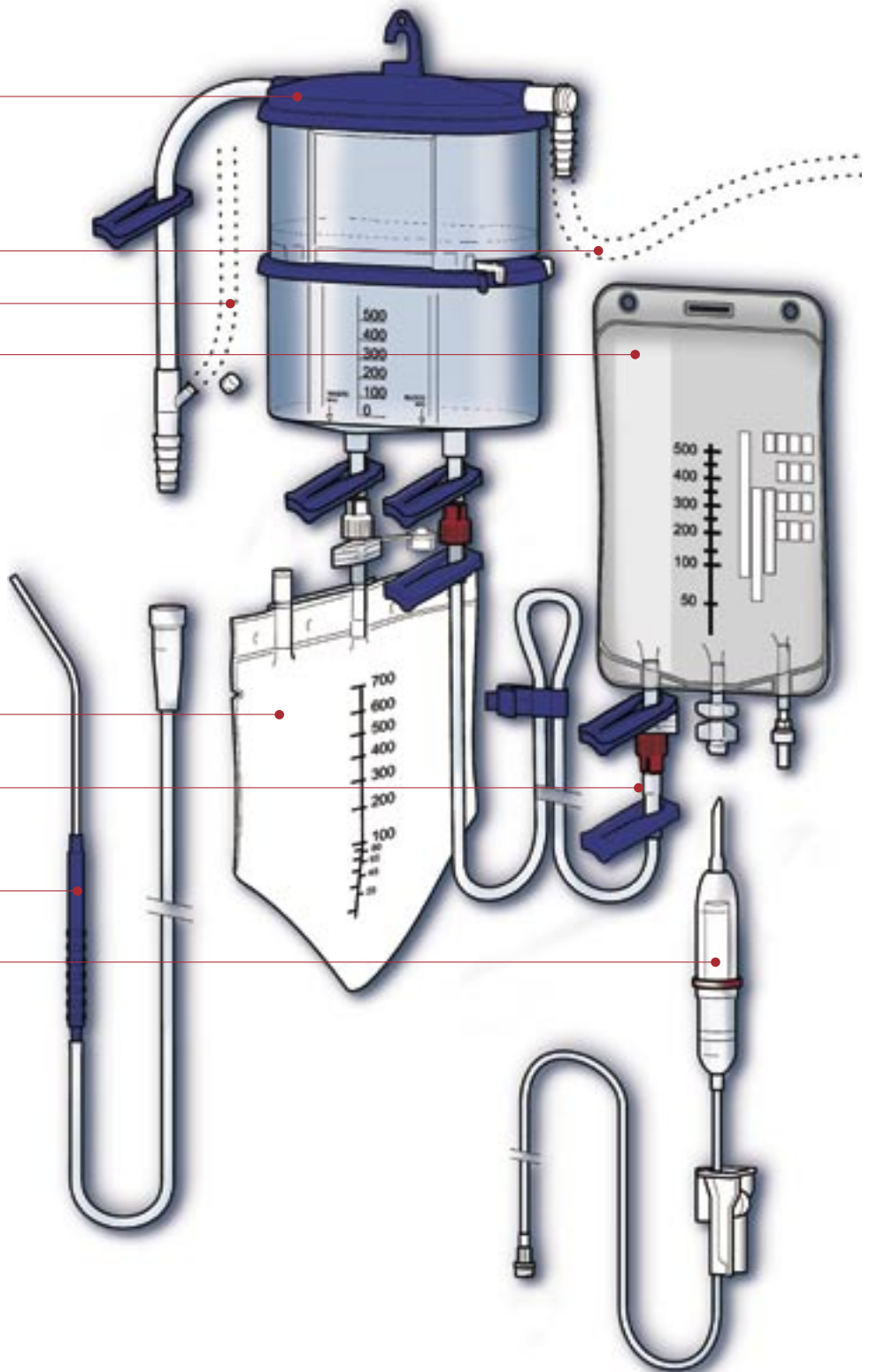
Autotransfusion bag
(500 ml) with a 40 micron filter.

Waste bag (700 ml)
connected to the collection unit.

Autotransfusion tubing
connecting the collection unit
and the autotransfusion bag.

Suction set
with a suction tip and 2 m suction tubing.

Transfusion set



Latex and pyrogene free!

Sangvia® product range



Sangvia® Blood Salvage System, intra-operative set

Collection unit, Autotransfusion bag, Autotransfusion tubing, Exchange Waste bag
Suction set, Transfusion set

Ref No
68430 1x8



Sangvia® Blood Salvage System, post-operative set

Drainage catheter with trocar, Drainage tubing
Suction bulb, Luer lock cap

Ref No
68434 3x15 FG 10
68435 3x15 FG 14
68436 3x15 FG 18



Sangvia® Vacuum tubing

3.5 m tubing connecting between Sangvia® System and vacuum source

Ref No
68437 2x25



Sangvia® Suction set

Bent tip with 2 m suction tubing

Ref No
68438 2x50

References

1. Trubel W et al. Thorac Cardiovasc Surg 1995;43(3):165-70.
2. Steinitz D et al. Can J Surg 2001;44(5):355-8
3. Weber E et al. Anesth Analg 2005;100:1416-21.
4. Huët C et al. Anesth Analg 1999;89:861-9.

Accessories

Companion set
(Autotransfusion bag and Transfusion set)
Exchange Waste bag
Transfusion set
Y-connector and catheter FG 10
Y-connector, catheter and trocar FG 10
Y-connector and catheter FG 14
Y-connector, catheter and trocar FG 14
Y-connector and catheter FG 18
Y-connector, catheter and trocar FG 18

Ref No
68379 4x5
68337 12x50
68381 4x20
68376 4x25
68385 4x25
68377 4x25
68386 4x25
68378 4x25
68387 4x25

CE 0088

STERILE EO



Single use/Monouso/
Einmalgebrauch/Usage unique

Why avoid exposure to bank blood?

Perioperative blood loss is often a major concern in orthopaedic surgery. Allogeneic transfusion is still a common procedure, however it is associated with certain disadvantages.

Many of these disadvantages can be avoided by using a simple, cost-effective intra-operative autologous blood reinfusion system that is ready when you need it. You will also have the potential to reduce the number of allogeneic blood transfusions required.⁴

The Sangvia® blood salvage system is another advance in using YOUR OWN BLOOD™ from Astra Tech.

Differences between allogeneic and autologous whole blood

| | Allogeneic | Autologous whole blood |
|--|-------------|------------------------|
| Blood components | | |
| Life span | Decreased | Normal |
| Platelets | 0 | 18.000–103.000 |
| 2.3-DPG (Ensures normal delivery of oxygen) | Decreased | 100% |
| pH | Acidotic | Normal |
| Cost | | |
| | Increasing | Constant |
| Typing and crossmatching | | |
| | Yes | No |
| Risks | | |
| Viral transmission | Yes | No |
| Immunosuppression | Yes | No |
| Human error | Medium risk | Low risk |
| Shortage | High risk | No risk |

References: Weisbach V et al. *Transfusion Medicine* 2000;10:23-30.
Gharehbaghian A et al. *Lancet* 2004;363:1025-30. Data on file, AstraTech.



YOUR OWN BLOOD™

The background features stylized, overlapping circular and curved shapes in shades of red, orange, and blue, resembling blood vessels or a filter. The text 'Sangvia' is in a large, bold, black font, with a registered trademark symbol. Below it, 'YOUR OWN BLOOD' is written in a smaller, red, all-caps font.

Sangvia[®]
YOUR OWN BLOOD™

Astra Tech HealthCare offers comprehensive assistance and education together with our products. We pride ourselves in offering premium quality products which are thoroughly tested and easy to use. Do not hesitate to contact us for any matter regarding autologous blood transfusion. We will be delighted to assist you.

ASTRA
ASTRATECH

 A company in the
AstraZeneca Group

Astra Tech Ltd., Brunel Way, Stonehouse, Gloucestershire, GL10 3SX.
Tel: 01453 791763. Fax: 01453 791001. www.astratechuk.com