

The HEMOBAG®

Autologous Whole Blood (WB) Salvage Device for Surgery

The HEMOBAG® Blood Salvage Device is a reservoir system that allows blood to be Salvaged, Hemoconcentrated and Infused back to the same patient quickly. As a form of autologous whole blood management and conservation, it salvages anticoagulated whole blood from cardiopulmonary bypass circuits and other extracorporeal circuits (ECC) using existing ultrafiltration technology.

The HEMOBAG® system lets you double the use of any hemoconcentrator, allowing it to be used both during a procedure traditionally, and after the procedure to salvage the patients own autologous whole blood in the same circuit.

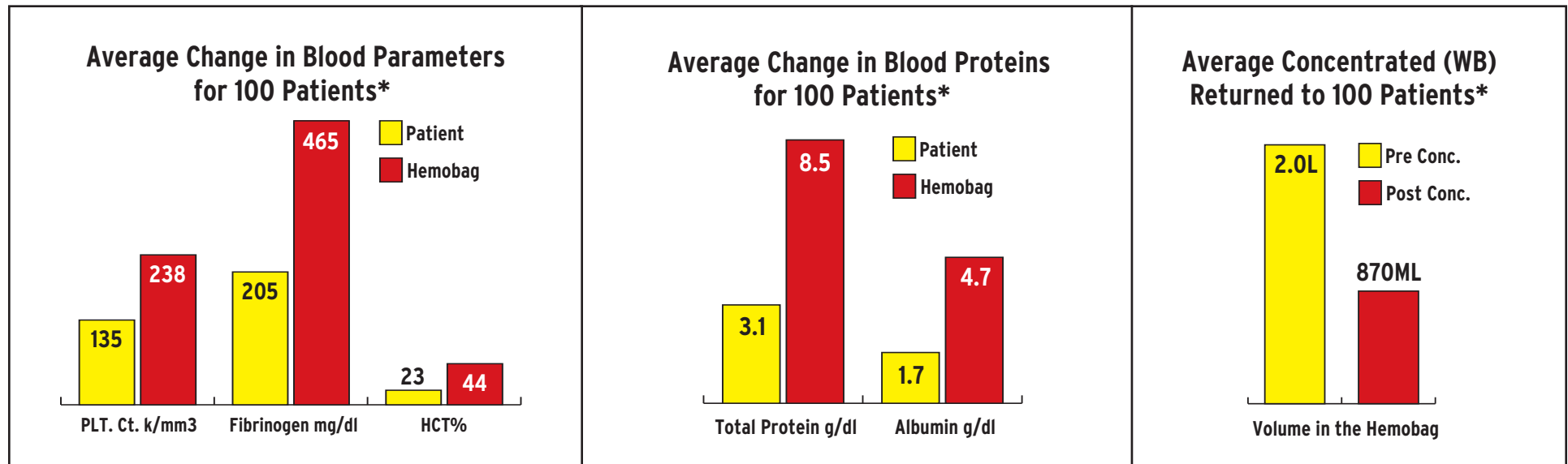
Now you can get the benefits of Ultrafiltration, Salvaging concentrated autologous whole blood quickly, safely and easily, and **STOP** throwing any of the patients own blood cells away!



Global Blood Resources LLC

The benefits of ultrafiltration are numerous:

- Save the patient's own concentrated Platelets, Clotting Factors and Plasma Proteins, Albumin (COP), Fibrinogen, and especially FactorVII.
- Create a hyperoncotic whole blood product that reduces Anaphlatoxins and can improve Hematocrit, Hemodynamics, Pulmonary Functions and Hemostasis all within a matter of minutes of using any extracorporeal circuit (ECC).
- Efficiently salvage the patient's own Autologous Whole Blood Quickly and Safely while ensuring that the circuit remains primed and ready to go back on in an emergency at any time!
- Doesn't throw any of the patient's own vital blood cells away.



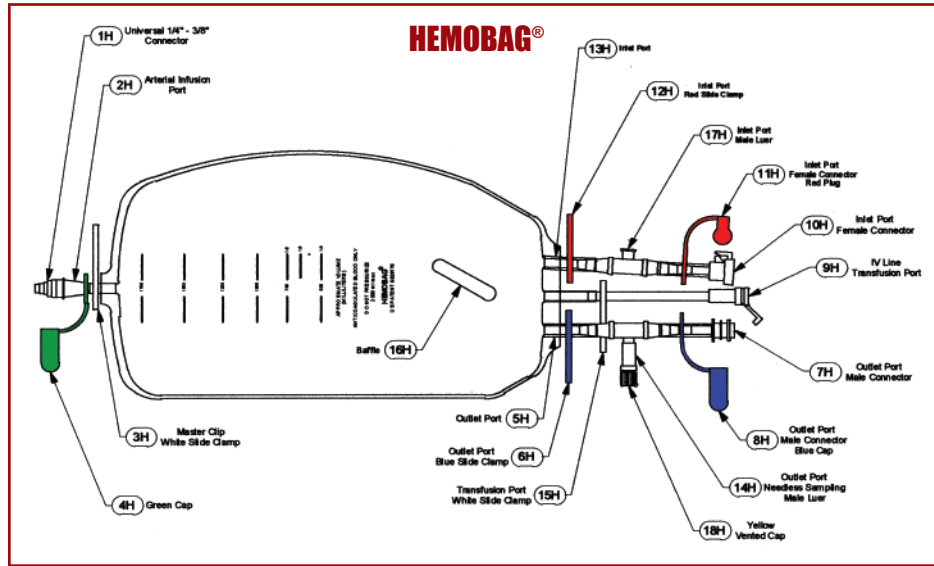
*Time to final volume from Multipass Ultrafiltration (just over 10 minutes) while keeping the (ECC) primed & secure!

Save More Blood • Reduce Costs • Improve Patient Outcomes!

Take Hemodilution Out of the Equation without Spending More Money to Get Less!

The **HEMOBAG® Blood Salvage Device** reservoir works in combination with any commercially available hemoconcentrator by connection with the TS3 Tubing Set.

The **TS3 Tubing Set** is specifically designed to work with the HEMOBAG® in performing Hemoconcentration / Ultrafiltration of anticoagulated whole blood collected from any extracorporeal circuit for autologous blood salvaging. This technique removes large quantities of plasma water in a relatively short period of time, thereby reconstituting the red cell mass and plasma proteins, providing a richly concentrated autologous whole blood product that is quickly made available for gravity infusion.



The **TS3 Tubing Set** is made up of two independent 1/4 inch tubing loops linked together.

1. The "Standard Loop" or intraoperative loop is used for traditional hemoconcentration during extracorporeal circuit use such as cardiopulmonary bypass surgery.
2. The "Recovery Loop" or post-procedural loop is used for multipass Ultrafiltration to enhance autologous whole blood salvaging in conjunction with the HEMOBAG® Blood Salvage Device at the end of the procedure that requires an extracorporeal circuit (ECC).

