



Wound Drainage



Systems and accessories for wound drainage

Solutions in Wound Drainage and Reinfusion

The *Hemovac*® Autotransfusion System (*H.A.S.*® Autotransfusion System) from Zimmer is a fully integrated, completely portable system that does not depend on external sources such as wall suction or batteries to operate. Because wall suction is not needed, the risk of hemolysis is reduced. The system's low, gentle suction helps ensure the overall quality of blood to be reinfused.

The *Hemovac* Autotransfusion System provides everything needed for collection of post-operative drainage of the patient's own blood and for continued wound drainage after reinfusion: a collection unit, wound drainage tubing, dual trocars and an evacuator. By utilizing the *H.A.S.* evacuator and collection bag for wound drainage post-reinfusion, the clinician's exposure to the patient's blood and body fluids is minimized.



Dependable Hemovac Evacuator Technology in a Closed Loop System

The *Zimmer*® Blood Reinfusion System is an easy-to-use postoperative blood management tool that can help reduce the dependency on banked blood, including preoperative autologous donation. Fully integrated and completely portable, the *Zimmer* Blood Reinfusion System effectively salvages and filters the patient's own blood postoperatively. Unlike other systems that require mechanical devices or pumps, the *Zimmer* Blood Reinfusion System uses its own *Hemovac* Evacuator technology for low, gentle suction that helps reduce the risk of hemolysis. In addition, as a closed-loop system, the *Zimmer* Blood Reinfusion System also minimizes the clinician's exposure to the patient's blood during collection and reinfusion.





Hemovac Infection Control Kit for Increased Protection

The *Hemovac* Infection Control System consists of a specially designed 400ml evacuator and a disposable exudate bag. Both combine to form a closed system, minimizing the clinician's exposure to blood. An innovative ball valve in the bag attachment spout on the evacuator, and a one-way flutter valve in the disposable exudate bag keep all fluids confined within the system. Drainage records can be written on the area provided on the exudate bag. The exudate bag holds up to 450ml of fluid and, when full, is simply detached and discarded.

The closed system minimizes the clinician's exposure to blood.

Emptying Procedure



1. Hold *Hemovac* evacuator vertically so the bag is hanging straight down.



2. Compress the *Hemovac* evacuator completely. Exudate will flow into the bag. Tilt evacuator back to a level position, then release pressure.



3. Read graduated markings on bag to determine volume. Record volume/output on space provided on outside of exudate bag.



4. To discard bag, unscrew nozzle from attachment spout, apply attached cap and discard.

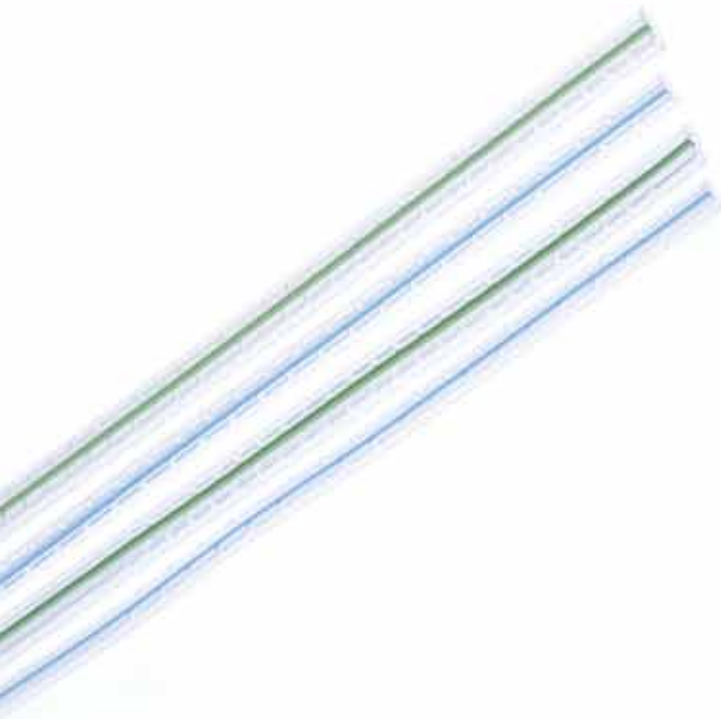
Hemovac 400ml Compact Evacuator

- Easy to activate
- Readily compresses with little effort
- Plug may be pre-positioned for ease of activation and closing
- Large pouring spout is located close to the edge of the evacuator
- During emptying, plug holder keeps plug away from flow to help minimize cross-contamination
- Evacuator can be secured to patient or bedding with the convenient attachment clip



PVC Round Drains For Strength and Collapse Resistance

- Evenly spaced perforations designed to minimize debris collection within wound
- 90 degree spacing of perforations may optimize drainage from multiple directions
- Dual trocar drains are available which may help to reduce transfer of surface microorganisms into wound during drain placement
- Indicator dots located 2 inches (5cm) from perforated area assist in covert depth of drain placement
- X-ray detectable radiopaque line provides visualization of drain
- Drain sizes available: 7 to 19 French (1/4, 1/8, 3/16 and 3/32 inch)



Silicone Drains for Comfort and Easy Removal

- Wide range of sizes and shapes for multiple applications
- Silicone material offers softness, biocompatibility and elasticity
- Flat and round drain designs with choice of: full perforation, $\frac{3}{4}$ perforation, mid-perforation, or end perforation
- Extended length available
- Indicator dot for correct depth of drain placement
- Available with and without trocars for optimal flexibility
- Kits available with 100ml and 400ml evacuators



Infection Control Minibulb System

The *Hemovac* Infection Control Minibulb System makes emptying exudate easy while minimizing the clinician's exposure to blood. The collection bag holds up to 150ml and can be securely attached to the evacuator with a luer-lock connector. One-way flutter valve keeps all collected fluids confined within the system. When full, the bag is simply discarded.



Contact a Zimmer representative or visit us at www.zimmer.com



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