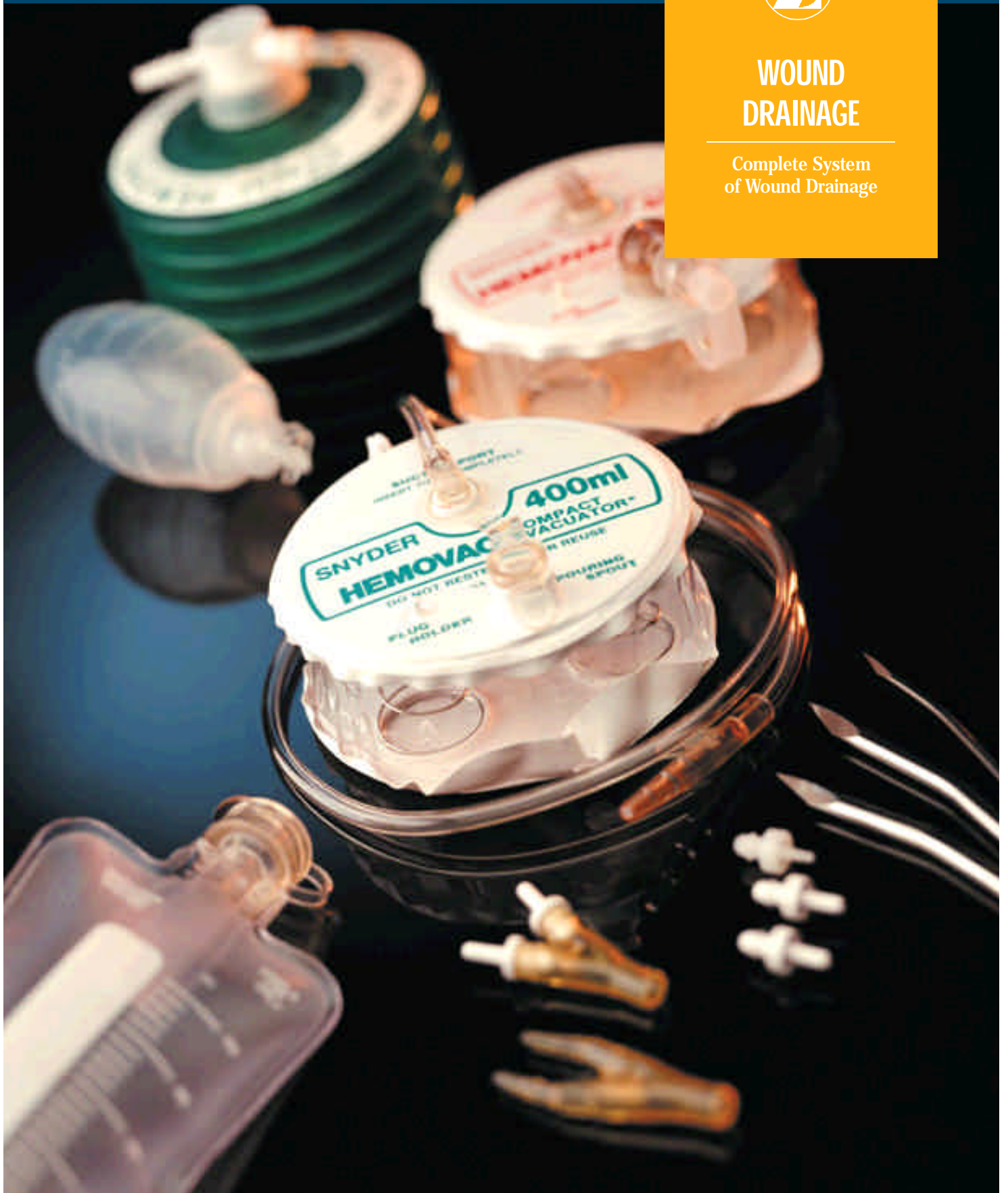




WOUND DRAINAGE

Complete System
of Wound Drainage



PVC Round Drains for Strength and Collapse-Resistance



SNYDER 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, patented 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^{††}
- Perfect for orthopaedic surgery

The evenly spaced openings in PVC round drains have clean, smooth edges which are less likely to collect debris. Perforations positioned in alternate 90-degree planes enhance drainage from several directions. Drain placement is made easier by trocars with threaded shanks. Placement is further simplified by the indicator dot two inches (5cm) from the perforated area. The X-ray detectable radiopaque line allows assessment of drain placement after wound closure.

These PVC drains can be ordered as components or in kits which include evacuator, evacuator tubing, trocar and connector. Evacuator choices include: Snyder Hemovac[®] 400ml Compact Evacuator* or Surgivac[®] Evacuator.**

Double-wrapped sterile packaging facilitates immediate use.

* U.S. Patent 4,664,652

** U.S. Patents 4,460,354; 4,529,402

†† U.S. Patent D291,247

Mini-Snyder Hemovac® Infection Control Helps Prevent Contact With Exudate



When used in conjunction with universal precautions, the Mini-Snyder Hemovac Infection Control System greatly reduces healthcare workers' chances of exposure to exudate.

The Mini-Snyder Hemovac Infection Control System makes emptying exudate safe and easy. When used in conjunction with universal precautions, it greatly reduces the risk of exposure to exudate.

The collection bag holds up to 150ml and can be securely attached to the evacuator with a luer-lock. When full, the bag is simply discarded.

The system is available in kits (evacuator and bag together), or as bags only.

Hemovac Infection Control Kit for Increased Protection



The closed system eliminates user contact with exudate.

EMPTYING PROCEDURE

1. Hold evacuator vertically so the bag is hanging straight down.
2. Compress the evacuator completely. Exudate will flow into bag. Tilt evacuator back to a level position, then release pressure.
3. Read graduated markings on bag to determine volume. Record amount on space provided on outside of exudate bag.
4. To discard bag, unscrew nozzle from attachment spout, apply attached cap and discard.



The Snyder Hemovac Infection Control System* consists of a specially designed 400ml evacuator and a disposable exudate bag. Both combine to form a completely closed system that virtually eliminates user contact with exudate. 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.

Double-wrapped sterile packaging facilitates immediate use.

*U.S. Patent 5,112,323

Silicone Drains

for Comfort and Easy Removal



Perfect for neurosurgery, facial and neck surgery, mastectomy and breast augmentation, abdominal surgery or orthopaedic procedures.

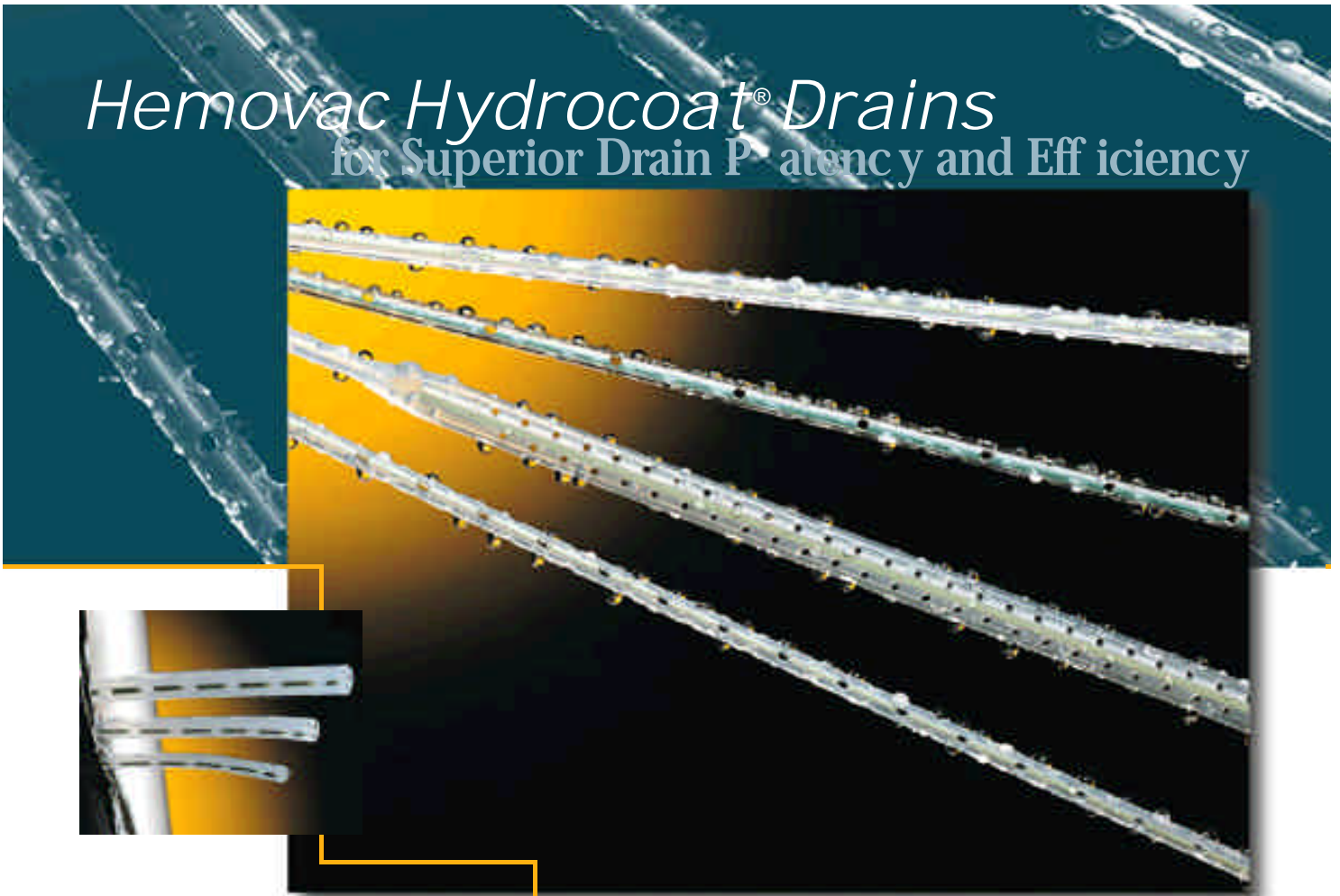
Silicone evacuators and wound tubing offer practical, effective drainage for neurosurgery, facial and neck surgery, mastectomy and breast augmentation, abdominal surgery or orthopaedic procedures... anywhere small volumes of exudate are anticipated. The inherent softness, biocompatibility and elasticity of silicone are combined in round and flat drains in varying sizes. Within these round and flat shapes are numerous options in widths, lengths and perforations. There are also silicone Quad-Lumen™ drains* with internal ribs to maximize collapse-resistance. All these silicone drains are X-ray detectable and have an indicator dot 2 inches (5cm) from the start of the perforated area to facilitate proper drain placement. Silicone kits complete with evacuator and appropriate drains are available for cost-effective inventory management.

Double-wrapped sterile packaging facilitates immediate use.

*U.S. Patent D303,840

Hemovac Hydrocoat® Drains

for Superior Drain Patency and Efficiency



• Hemovac Hydrocoat Quad-Lumen Drains:

The optimum in wound drainage

• Silicone soft, collapse-resistant, hydrogel coated

• Hydrocoat Drains offer outstanding patient benefits

• Discomfort upon removal is minimized



• Superior patency compared to uncoated drains

• Functions with gentle suction

*U.S. Patents 4,943,460; 4,980,231

Hemovac Hydrocoat drains* have a special hydrogel coating covalently bonded both inside and out to offer outstanding patient benefits. The coating, which is inert in body tissue, allows clots and debris to pass freely through the drain, reducing the risk of post-operative drain occlusion and related complications. The reduced friction of the coated inside wall permits effective drainage with gentle, low-vacuum suction. Because of their inherently slippery nature, Hydrocoat drains can be easily implanted without wetting. The exterior coating helps minimize patient discomfort when the drain is being removed.

The types of Hydrocoat drains available include round PVC drains in complete kits, silicone flat and round drains, and all silicone Quad-Lumen drains.

Double-wrapped sterile packaging facilitates immediate use.

Specialty Kits

Preassembled for Specific Procedures



Each kit can be chosen for its suitability to specific wound sites and drainage volumes.

Zimmer offers a range of specialty kits designed for specific surgical procedures. Each kit includes drains, trocars and evacuators chosen for their suitability to the anatomy of specific wound sites and to accommodate anticipated drainage volumes.

The Urevac® Kit is designed for suprapubic drainage of the urinary bladder.

The Craniotomy Drainage Kit, with a low compression 400ml evacuator, is primarily for sub-dural hematomas.

The Hysterectomy Drainage Kit, with drains available in PVC or silicone material in a choice of styles, can be used for both abdominal and vaginal procedures.

The Directional Flow Control (DFC) accessory provides distribution of antibiotic solution through the infected area along with continual flushing of wound drains.

Double-wrapped sterile packaging facilitates immediate use.



- Hemovac® Autotransfusion System is fully integrated
- Not Position Sensitive

A Complete Orthopaedic Autotransfusion System

The Hemovac Autotransfusion System* provides everything needed for post-operative salvage of a patient's own blood, and for continued wound drainage after reinfusion. The system is completely portable and does not depend on any external sources, such as wall suction, for wound drainage.

This fully integrated system includes a collection unit, wound drainage tubing and an autotransfusion evacuator designed for infection control. There is no need to purchase a reinfusion system from one source, and a wound drainage system from another. The Hemovac Autotransfusion System brings it all together.

Double-wrapped sterile packaging facilitates immediate use.



For more information, contact your Zimmer representative or visit us at www.zimmer.com

*U.S. Patents 5,207,638; 5,275,585