

AXIOM® MEDICAL, INC. INTRODUCES THE MINEVAC™ DRAIN SYSTEM FOR CLOSED-WOUND SUCTION APPLICATIONS

Back by Popular Demand—Improved by Physician Request

Axiom® Medical, Inc. (Rancho Dominguez, CA), founded by a physician in 1976, manufactures a variety of high-quality silicone and PVC disposable wound-drainage catheters for all types of surgery.

MinEvac™ Drainage System. Axiom® continues its tradition of meeting physician requests with the recent introduction of its newest product, the MinEvac™ Drain System, which is a small, disposable surgical drain system created specifically for small, delicate closed-wound suction applications. Redesigned at the request of surgeons who previously used the McGhan MiniFlap Drain System—which is no longer available—the Axiom® MinEvac™ is an excellent and improved replacement.

The MinEvac™ is suitable for small skin-flap procedures where gentle suction is used to evacuate fluids and keep the skin flap down. Close adherence of tissue is increased with efficient low profile suction, which, in turn, increases vascularization of the flap. Pressure bandaging is often reduced or eliminated with its use.

Suction is provided via standard vacuum evacuation tubes, two of which are included with each MinEvac™ system to allow convenient replacement. The MinEvac™ drain has a hollow needle on one end which is inserted through the vacuum-tube stopper by grasping the “butterfly” handle. This winged design reduces risk to the user and greatly eases activation of the vacuum suction. After insertion, these “wings” can be used to ensure secure placement on the patient.

The MinEvac™ Drain System includes an Axiom® signature adhesive-backed tube holder to attach the vacuum tube to the patient’s skin or dressing. This low-profile design is easy to secure to the patient and makes vacuum-tube changes easier and less painful for the patient by eliminating the “tugging” that can occur with repositioning after tube replacement.

The drain is available in two sizes, 7 FR and 11 FR, and is made of soft, biocompatible silicone that is comfortable for the patient and is radioopaque, allowing the placement of the drain to be confirmed by radiography. The drain is secured by the physician at the point it exits the skin by the soft, clear silicone suture collar that is provided with the system. The collar material is compliant and helps form an airtight seal around the drain.

Unique Features. The MinEvac™ Drain System has several features that are unavailable in products offered by other manufacturers, including:

- New suture collar design that provides an airtight seal between drain and skin;

- Butterfly needle connector that allows for easy, secure connection to vacuum tubes;
- Axiom®’s unique silicone formulation, which has a high tensile strength and soft feel (for patient comfort), and is radioopaque (for verification of placement);
- Slide clamp, which may be used when intermittent suction is desired, and
- Tube holder, made from flexible plastic, which has a non-reactive, hypo-allergenic adhesive, and can be applied directly to the patient’s skin or dressing.

A **ClotStop®**-coated version of the MinEvac™ Drain is also available, similar to Axiom®’s line of Atraum silicone catheters. This proprietary coating is safe and makes the drain eminently more comfortable for the patient during use and, more importantly, during removal. There is no drug interaction, and the normal healing process occurs without interference; blood clots are allowed to form, but not to inhibit the drain’s function. ClotStop® also is effective at reducing track formation along the drainage bed, while improving the planar reattachment of the wound-site tissue. ClotStop®-coated drains combine improved flow characteristics with a range of small sizes, which makes them perfectly suited to the esthetic demands of plastic surgeons and the reduced-size requirements of pediatric surgeons.



Future Directions. The engineers at Axiom® also are developing a shorter version of the MinEvac™ Drain to provide physicians with more flexibility in their selection of drain systems and specifically to fulfill the requests of ophthalmic surgeons.

Axiom® Medical, Inc. is the first manufacturer to serve the drainage needs of all surgical specialties by offering the widest range of sizes, options, and specialty features available.

Each MinEvac™ Drain System includes the following:

- One drain assembly (sterile), which includes:
 - round silicone drain, 38-cm (15-in) long, 7 FR or 11 FR outside diameter,
 - silicone suture collar,
 - slide clamp,
 - “butterfly” needle connector;
- Two vacuum evacuation tubes, 10 cc (sterile on inside), and
- One vacuum tube holder (non-sterile).

For more information concerning Axiom®, call 1-800-221-8569 outside California or 1-310-898-1779, visit the company Web site at www.axiommed.com.