

MONARCH LABS

Your Choice for Advanced Wound Care

2012 Catalogue of Products & Services

Monarch Labs specializes in Biosurgical wound care products.

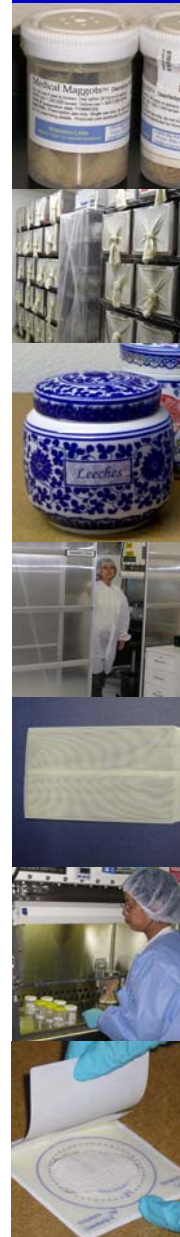
Monarch Labs is the exclusive supplier of Medical Maggots™ (disinfected *Phaenicia [Lucilia] sericata* larvae) for maggot debridement therapy.

Medical Maggots™ are used in human and veterinary wound care for debriding non-healing necrotic skin and soft tissue wounds, including:

- Pressure ulcers
- Venous stasis ulcers
- Neuropathic foot ulcers
- Non-healing post surgical wounds
- Non-healing traumatic wounds



NOTE: In the United States, Medical Maggots™ are regulated by the Food and Drug Administration as a prescription only medical device. Please read the package insert and all labeling information carefully.



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Message from the Director

Dear Customer:

You will notice a new look with this 2011 edition of our Catalogue of Products and Services. Not only is the layout more sleek and colorful, but we have also added useful and timely information. For example, you will now find a list of key references in the back. Most of these references are available through the BTER Foundation (www.BTERFoundation.org) or through the publishers links at the National Library of Medicine.

Additionally, we have included our latest public service announcement, so you will be up-to-date with Monarch Labs' activities and plans. There is now even a little photo gallery, so you can match the faces to the voices answering our phones.

As always, we look forward to your feedback. Let us know how we are doing, and how we can meet your needs.



Ronald A. Sherman, MD, MSc
Co-Founder and Laboratory Director



James S. Kuo, MD, MBA
Co-Founder and Director of Business
Development

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Medical Maggots



Medical Maggots™

Disinfected *Phaenicia* (=Lucilia) *sericata* larvae.

	<u>Price:</u>
Standard Vial, single use ~ 250-500 larvae per vial	\$119.00
Large Vial, single use ~ 500-1,000 larvae per vial	\$179.00

Monarch Maggot Dressings



Creature Comforts™

Polyester net dressing to keep the maggots on the wound. Using adhesive glue and tape, bond to a hydrocolloid pad or other foundation on the skin to build a maggot cage around the wound.

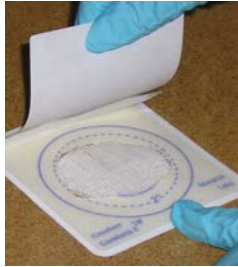
	<u>Price:</u>
4" x 4" Creature Comforts™	\$7.50
8" x 8" Creature Comforts™	\$15.50
12" x 12" Creature Comforts™	\$21.50
24" x 24" Creature Comforts™	\$56.00
Custom sizes	Call for pricing
Nylon stocking, sterile	\$12.00
Nylon pantyhose, sterile	\$16.00



LeSoc™

Stocking-like dressing constructed from fixed-weave polyester monofilament netted fabric (like our Creature Comforts). Use to dress wounds with complicated 3-dimensional surfaces, like toes, feet, stumps. Similar to the Sterile Nylon Stockings, but the fixed-weave fabric better prevents against escaping maggots. Not for areas that may swell or become constricted.

	<u>Price:</u>
1.75" x 2.5" LeSoc™ - Finger-sized Length: 2.5" / 6.4 cm; width: 1.75" / 4.5 cm; Circ: 3.5" / 8.9 cm; Diam: 1" / 2.5 cm	Bag of 10: \$50.00
3" x 4" LeSoc™ - Two-Finger-sized Length: 4" / 10 cm; width: 3" / 7.5 cm; Circ: 6" / 15 cm; Diam: 1.9" / 4.5 cm	\$10.00
4" x 6" LeSoc™ - Four-Finger-sized Length: 6" / 15 cm; width: 4" / 10 cm; Circ: 8" / 20 cm; Diam: 2.5" / 6.4 cm	\$12.00
6" x 8" LeSoc™ - Hand-sized Length: 8" / 20 cm; width: 6" / 15 cm; Circ: 12" / 30 cm; Diam: 3.8" / 9.5 cm	\$18.00
8" x 12" LeSoc™ - Anterior Foot-sized Length: 12" / 30 cm; width: 8" / 20 cm; Circ: 16" / 40 cm; Diam: 5" / 12.5 cm	\$24.00
12" x 18" LeSoc™ - Boot- or forearm-sized Length: 18" / 45 cm; width: 12" / 30 cm; Circ: 24" / 60 cm; Diam: 7.5" / 19 cm	\$36.00
18" x 24" LeSoc™ - Leg-sized Length: 24" / 60 cm; width: 18" / 45 cm; Circ: 36" / 91 cm; Diam: 11.4" / 29 cm	\$48.00
24" x 36" LeSoc™ - Thigh-high Length: 36" / 91 cm; width: 24" / 60 cm;	\$65.00
Warning — since LeSoc™ is not elastic, care must be taken to ensure that it does not constrict or prevent adequate blood flow.	

**LeFlap™**

Dual-layered maggot cage dressing, with hydrocolloid layer and adhesive-lined polyester layer. No other dressings required except top gauze and perhaps extra tape or transparent membrane for added security if wound is over mobile or soil-prone anatomy.

Price:

3" x 3" *LeFlap™* \$16.50

Wound diameter \leq 2"

6" x 6" *LeFlap™* \$24.00

Wound diameter \leq 5"

**LeFlap Dujour™**

Similar to the standard *LeFlap* dressing, except *LeFlap Dujour™* can be cut to custom sizes (as long as the hinged size remains intact), allowing it to be customized easily for any wound size or shape.

Price:

4" x 4" *LeFlap DuJour™* \$19.50

Wound diameter \leq 3"

8" x 8" *LeFlap DuJour™* \$26.50

Wound diameter \leq 7"

Other Dressing Supplies

**Hydrocolloid Pad**

Used to make custom maggot therapy dressings at the bedside. Simply cut a hole in the pad to match the wound shape, place remaining pad as a foundation around the wound, place the maggots on the wound bed, and glue your porous cover (i.e., Creature Comforts polyester net) to the hydrocolloid foundation.

Price:

Hydrocolloid pad, 4" x 4" \$9.75

Hydrocolloid pad, 8" x 8" \$19.75

**Nu-Hope Adhesive**

For gluing polyester net to hydrocolloid pad or other foundation. Shake (the bottle) well just before use.

Price:

Liquid adhesive, 1 oz (30 ml) \$12.50

**Tape, Durapore**

Tape a window frame over the polyester net to secure it.

Price:

1" wide x 10 yards; 1 roll \$2.75

**Transparent membrane dressings**

Used optionally to secure the maggot dressing to the skin, especially for wounds over areas prone to excessive movement (i.e., joints), perspiration or soiling (i.e., sacrum, coccyx). Placed as a frame over the net-hydrocolloid bond and extending onto the peripheral skin, can make maggot dressings more durable in areas predisposed to soiling and loosening (i.e., wounds over sacrum, coccyx, joints).

Price:

~2" x 3" (brand may vary). \$0.85 each

Box of 100 \$69.00

**Skin protective wipe**

Used optionally to protect the healthy skin around the wound from rash, maceration or damage from the adhesives and wound drainage (assorted brands).

Price:Skin protective wipe \$0.50 each
(brand may vary)

Box of 50 \$22.00

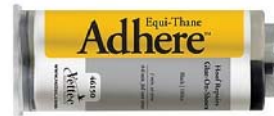
Special Services

Patient information and brochures; coding assistance available; clinical consultant on-call. Call for assistance.

Veterinary and Miscellaneous Supplies**Heavyweight stretch tape**

For affixing netted maggot cage dressings.

Each roll, 2" x 15'

Price:**Equi-Thane Adhere (Vettec)**

For gluing net dressings to hoof. Same material used for hoof repairs. Initial set time: 1 min; full cure time: 6 min.

Price:

180 CC

\$36.00

**LeSoc™ for Hooves**

This bag-like maggot dressing can cover the entire hoof, or be trimmed to cover only the areas needed. Constructed from fixed-weave polyester net fabric (like our Creature Comforts).

Price:

Length: 8" / 20 cm;

\$18.00

Flat width: 8" / 20 cm;

Circ: 16" / 40 cm; Diam: 5" / 12.5 cm

**HOOFix Slipper Sock**

Used over maggot cage dressing to prevent tearing of polyester net and similar fabrics when your horse walks over hard surfaces. Incorporates ground tires into the fabric for long wear. Averages over 17 days of wear (wrapped hoof in a stall). Machine washable. Regular fits most horses.

Price:

Regular / Large

\$19.50



TAPEless

Reusable and washable secondary wound dressings. Used to hold absorbent pad over the maggot cage dressing. Simply un-hook, replace soiled absorbent layer, and cover again with TAPEless wrap.

Price:

Each \$20.00



Protex

Polyethylene protector contains any maggots that manage to escape from your dressings. Elastic bands provide a snug, escape-free barrier. Useful to cover those "problem" dressings on feet, legs, arms, stumps, etc.

Price:

Each \$19.00



Leech Jars

Variety of sizes, shapes, designs. Ceramic jars from China; glass/ceramic jars from U.S.A. All handmade or hand-finished. Most under \$50.

Call for current availability and pricing.

Shipping Options



Maggots are shipped via overnight courier, to arrive within 24 hours of use. You choose the time, we deliver.

Type of Delivery	Description	Price
FedEx Standard Overnight	Delivery by 3:30 pm to most cities.	\$46.00
FedEx Priority Overnight	Delivery by 10:30 am to most cities.	\$56.00
FedEx weekend service (Saturday or Monday delivery)	Saturday and Monday deliveries are by special arrangement only; call in advance to ensure availability of your maggots. This FedEx service is not available to all regions.	\$69.00
FedEx International	International delivery times vary. Taxes & import fees may be added by local governments and regulators.	Call for current pricing
Midnight Express	Immediate door-to-door delivery (using next-available commercial air flights) is also available.	Call for current pricing
Your shipper / your account	We will even pack and ship via the shipper of your choice, and bill to your own account.	A \$20 fee may be applied towards materials and handling

Monarch Labs Announces Leech Therapy Research Center

Monarch Labs, in collaboration with the BioTherapeutics, Education & Research (BTER) Foundation, has just set up a Leech Therapy Research Center at its facility in Irvine, CA. The center will be headed by Ronald Sherman, MD, Monarch Labs' Laboratory Director and one of its Co-Founders. "Despite being used in medicine for thousands of years," Dr. Sherman said, "there is much we still do not know about the leech and its health potential."



Expanding Knowledge, Advancing Wound Care

According to James Kuo, MD, MBA, Monarch Labs' other Co-Founder and Director of Business Development, "we plan to do for hirudotherapy (leech therapy) what we did for maggot therapy: learn everything we can from history, experts and experience, then assess the current needs for research and development, and finally advance the field of hirudotherapy wherever we can, through innovation and hard work."

Suggestions and Ideas Welcome



In the initial needs assessment, it came to light that many therapists would like simpler and more affordable methods for managing their leeches. Therefore, the Monarch Labs staff are evaluating a variety of currently available leech containers and tools. "If we identify a need, we will focus our attention on it. If we do not identify a problem, or at least not a better solution, then we will move on quickly in order to advance the field wherever we can." Together, Monarch Labs and the BTER Foundation are inviting leech therapists from around the country to suggest areas in need of development or research. If you are a hirudotherapy patient or practitioner, let us know how we can help!

Photo Gallery



Clean Manufacturing Rooms



Disinfection Procedure



Vials of Medical Maggots™



Making Vials in the Machine



Insectary



Monarch Labs Staff

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