

*Technologies Beyond Definition
Applications Beyond Imagination*

Elasto-Gel™

Simple Wound Care Solutions

BACTERIOSTATIC* 1, 2, 3, 4

ABSORBENT 5

EFFECTIVE PADDING 6

WILL NOT DAMAGE TISSUE

COMFORTABLE/EASY TO USE

COST EFFECTIVE 7

*An effective substitute for hydrogels,
hydrocolloids, and foam dressings.*



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HOW TO USE

How to Use: Clean the wound site as needed. Remove the **Elasto-Gel™** dressing from the package and remove the plastic film from the gel. Apply gel directly over the wound. **Note:** Dressing should exceed the wound size by at least 1/2 inch around whole area. **Elasto-Gel™** must then be secured.

Securing Elasto-Gel™ We recommend that the **Elasto-Gel™** dressing be covered completely with a securing device, such as, tape, self adhesive stretch bandages, or surgical netting. When waterproofing is necessary (incontinence), **Elasto-Gel™ Island** would be the best selection due to the water barrier film backing.

Importance of Securing Elasto-Gel™ : **Elasto-Gel™** is mildly adhesive. A special feature of this dressing is that it loses its stickiness when it comes in contact with a moist area. It will only adhere to dry healthy intact tissue. **Elasto-Gel™ WILL NOT STICK TO OR DISSOLVE INTO THE OPEN WOUND SITE, NO PAIN IS INFLICTED WHEN DRESSINGS ARE CHANGED.** When **Elasto-Gel™** absorbs drainage, it starts from the area of the wound, and then slowly spreads to the edges of the dressing. The stickiness of the gel slowly disappears as the dressing becomes fully saturated with exudate and no longer adheres to the skin.

CHANGING THE DRESSING

Changing the Dressing: Since every patient and every wound is different, the dressing will need to be changed at different time intervals, depending on how much exudate (fluid drainage) is present.

On heavily exuding wounds, **Elasto-Gel™** will pull fluid away from the wound into the dressing. Usually the first 24-48 hours, **Elasto-Gel™** will need to be changed more frequently (once or twice per day). As the amount of the exudate slows down, or if the wound has mild drainage, the dressing may be left in place for several days (three to seven days).

Check Wound Daily: This can easily be done by gently lifting one corner of the dressing, then pulling the whole dressing back until the wound is visible. This allows complete and thorough examination of the wound with no distortion from the dressing and the true condition of the wound can be determined.

As **Elasto-Gel™** becomes saturated, it will look somewhat slippery and rubbery around the edges. This is a sign that the dressing needs to be changed. After observing the wound site, if the dressing does not look wet or swollen, the dressing may be re-applied over the wound. Because **Elasto-Gel™** exhibits bacteriostatic¹ and fungistatic¹ properties, you will not contaminate the wound when re-applying the dressing to the open area. Always remove the **Elasto-Gel™** dressing before showers, baths, swimming, and whirlpools, or completely cover with a waterproof material.

IMPORTANT FEATURES OF ELASTO-GEL™

Elasto-Gel™ is a unique patented bacteriostatic^{1, 2, 3, 4} highly absorbent⁵ wound dressing which provides fast and comfortable dressing changes (because of its mildly adhesive properties). **Elasto-Gel™** will not dry out or stick to the wound.

Bacteriostatic*^{1, 2, 3, 4} : **Elasto-Gel™** has been shown to be bacteriostatic and to reduce the level of bacteria compared to other wound dressings. It has also shown inhibition of growth of five (5) major problem microbes, which are Pseudomonas A., MRSA, Staphylococcus a., E. coli, and Streptococcus p. in appropriate agar medium^{1, 2}. In addition, J. Vandeputte³ and Hoekstra⁴ have shown that bacterial growth is essentially eliminated, when dressings were changed on a regular basis.

Highly Absorbent⁵ : Independent laboratory studies have shown that **Elasto-Gel™** absorbs 3.5 times more exudate at 24 hours than commonly recognized high absorbent dressings. **Elasto-Gel™** may be used in place of hydrocolloids, hydrogels and membrane dressings. **Elasto-Gel™** will not replace alginates when quick absorption is indicated. **Elasto-Gel™** absorbs exudate, protects the wound, promotes a moist wound environment, will not macerate healthy tissue and never dries out.

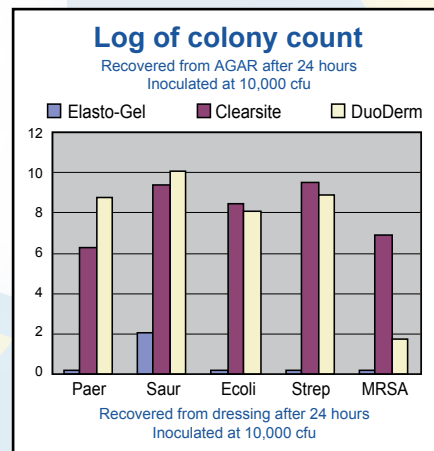
Independent Study From:

University of Miami School of Medicine, Department of Dermatology & Cutaneous Surgery

Maria Oliveria-Gandia, DVM, Stephen C Davis, BS

Patricia M. Merta, BA,

Published in "Wounds" 1998;10(1):4-11



Zero count entered as 0.2 - Min detectable 1.42

Test Samples: Pseudomonas, Staphylococcus aureus, E. Coli, Streptococcus pyogenes, Methicillin Resistant Staph

ABSORPTION COMPARISON

Seven wound dressing sheets were evaluated for absorption properties by measuring the absorption of 0.9% saline solution at room temperature. Various time intervals were examined starting after half hour and continuing through 96 hours. All but three of the seven dressings continued to absorb saline over the entire testing period of 96 hours.

Hydrocolloid #1 started dissolving after 24 hours of incubation, so no further measurement could be made for the remainder test period.

Alginate began to dissolve after 6 hours of incubation and had totally dissolved by 12 hours of incubation, no further measurements could be made for this test article.

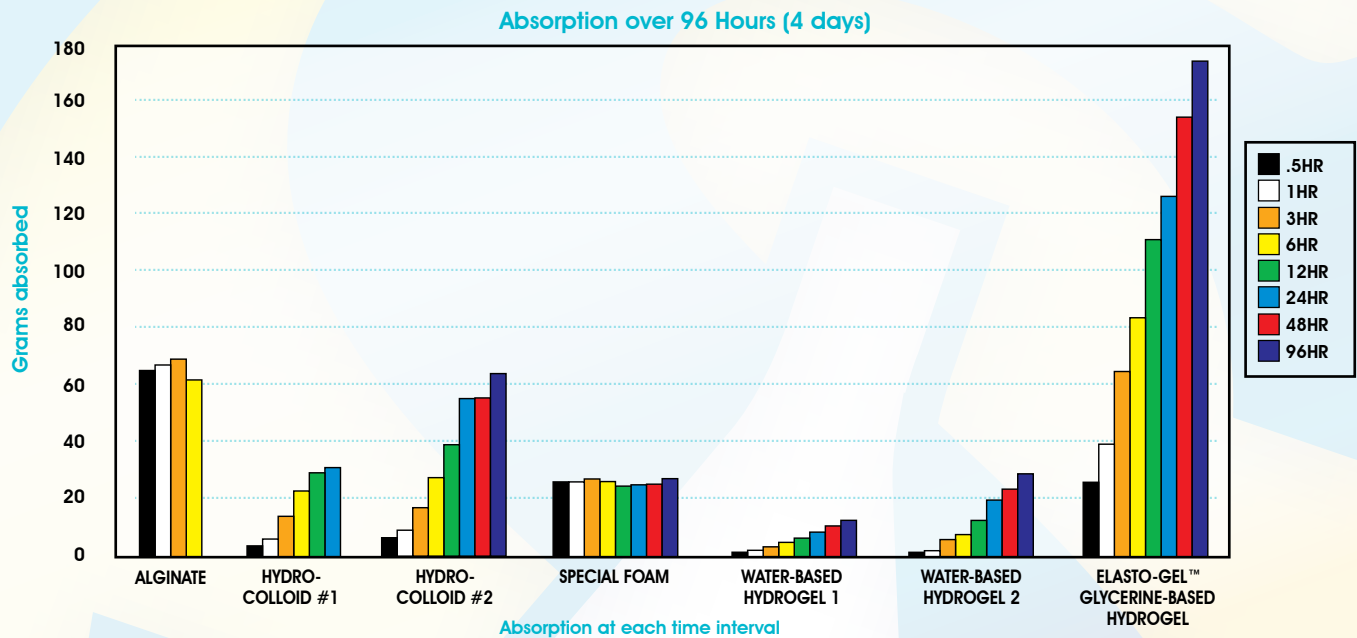
Special Foam appeared to reach peak absorption at 0.5 hour.

Elasto-Gel™ Results:

- At one hour, Elasto-Gel™ absorbed significantly more 0.9% saline than any other dressing (hydrocolloid, membrane, hydrogel) except alginate which was to be expected.
- At three hours Elasto-Gel™ absorbed similar amounts of 0.9% saline than alginate but significantly more than all other dressings evaluated.
- By six hours, Elasto-Gel™ was the only dressing continuing to absorb significant amounts of 0.9% saline solution:

Independent Laboratory Study

"Saline Absorption Properties of Various Wound Dressings." Conducted by NAmSA, 2261 Tracy Rd., Northwood, OH 43619



Exceptional Padding⁶: The resilient properties of the gel helps protect the skin and underlying tissues from friction and pressure often exerted on bony prominence areas such as: hips (trochanters) or sitting bones (coccyx, sacrum, and ischial tuberosities). It has been reported to be especially effective for this use on patients during surgical procedures⁶.

Eliminates Wound Damage: Because of its composition high in glycerine, a natural skin component, the dressing only adheres to dry, intact tissue and does not disturb newly granulated tissue upon removal, making dressing changes fast, easy and pain-free.

Elasto-Gel™ Physical Features:

- A solid state glycerine gel sheet (glycerine in a cross-linked polymer matrix).
- The gel is covered with a breathable (oxygen and moisture permeable) four-way stretch cloth which allows enhanced conformity and therefore, greater comfort.
- It is 1/8 inch thick and designed to provide cushioning and protection to the wound.
- **Elasto-Gel™** may be cut to any shape or size to fit a wound.
- **Elasto-Gel™** does not melt down, stick to or leave dressing residue in the wound.
- **Elasto-Gel™** is cool and soothing when applied to broken skin areas and wounds.
- **Elasto-Gel™** provides moist wound healing. Reports have shown the moist wound healing provides for better cell migration, granulation, epithelialization, and for improved wound closure⁸.

ORDERING INFORMATION PRODUCT AND SIZE

Elasto-Gel™ (without tape)

STOCK#	DESCRIPTION	PACKAGING
DR8000	4"x4"/ 10cm x 10cm	Cs/100 (20 bxs/5)
DR44116	4"x4"/ 10cm x 10cm, thin	Cs/100 (20 bxs/5)
DR8200	2"x3"/5cm x 7.5cm	Cs/200 (40 bxs/5)
DR8500	5"x5"/12.7cm x12.7 cm	Cs/100 (20 bxs/5)
DR8600	6"x8"/15cm x 20cm	Cs/25 (5 bxs/5)
DR68116	6"x8"/15cm x 20cm, thin	Cs/25 (5 bxs/5)
DR8700	12"x12"/30cm x 30cm	Cs/25 (5 bxs/5)
DR1205	12"x12"/30cm x 30cm	Cs/25 (5 bxs/5)
DR8800	8"x16"/20cm x 40cm	Cs/25 (5 bxs/5)
DR81605	8"x16"/20cm x 40cm, thin	Cs/25 (5 bxs/5)

Elasto-Gel™ Plus (with tape)

STOCK#	DESCRIPTION	PACKAGING
DR8050	4"x4"/ 10cm x 10cm	Cs/100 (20 bxs/5)
DR8075	4"x4"/ 10cm x 10cm Island dressing	Cs/100 (20 bxs/5) Cs/100 (20bxs/5)
DR8175	Comfort-Aid Island 1.5" x 2.5"/ gel area	Cs/144 (48 bxs/3)
DR8250	2"x3"/ 5cm x 7.5cm	Cs/100 (20 bxs/5)
DR8450	Toe-Aid™ 1.25" x 1.25"/gel area	Cs/144 (48bxs/3)
DR9051	8" x 8"/20cm x 20cm Horseshoe Dressing	Cs/25 (5 bxs/5)

MEDICARE / REIMBURSEMENT INFORMATION SUGGESTED MEDICARE REIMBURSEMENT HCPC CODES (Section 2079)

Listed below are HCPC codes for *Elasto-Gel™* Wound Dressings

HCPC CODE	DESCRIPTION	SWT STOCK NO. AND SIZE
A6242	Hydrogel dressing, pad size 16 sq. in. or less without adhesive border, each dressing.	DR8200 2"x3" DR8000 4"x4"
A6243	Hydrogel dressing, pad size more than 16 sq. in. but less than or equal to 48 in., without adhesive border, each dressing.	DR8500 5"x5" DR8600 6"x8"
A6244	Hydrogel dressing, pad size more than 48 sq. in. without adhesive border, each dressing.	DR8700 12"x12" DR8800 8"x16"
A6245	Hydrogel dressing, pad size 16 sq. in. or less, with any size adhesive border, each dressing.	DR8450 Toe-Aid™
A6246	Hydrogel dressing, wound cover, pad size more than 16 sq. in. but less than or equal to 48 sq. in., any size adhesive border.	DR8075 4"x4" Island
A6247	Hydrogel dressing, wound cover, pad size more than 48 sq. in. with any size adhesive border, each dressing.	DR9051 8"x8"

Although *Elasto-Gel™* wound dressings are classified as a hydrogel, because of its unique properties: glycerine based, bacteriostatic/fungistatic, and highly absorbent, the product may be left in place for several days versus changing the dressing daily.

Due to the Balanced Budget Act of 1997, resulting in the Perspective Payment System (PPS), it is now imperative that products provide acceptable clinical outcomes and be cost-effective. Cost-effective means not only reducing the price-per-product and reducing SKUs, but looking at additional measures on the actual cost-per-patient-per-product use. This includes: nursing time per dressing change (labor), additional supplies needed for wound management clean-up, frequency of change, cost per product, and the length of time the wound takes to close. When it comes to cost evaluations, reducing the cost at the administrative level and the actual cost of product use per patient level, *Elasto-Gel™* has been proven to be truly cost-effective⁷.

¹ "Can Occlusive Dressing Composition Influence Proliferation of Bacterial Wound Pathogens?", Oliveria-Gandia M, Davis S, Mertz P. *WOUNDS* 1998; 10(1):44-1.

² "Reduction in the Number of Bacteria Using an Occlusive Dressing", Oliveria-Gandia M, Davis S, Mertz P, Department of Dermatology & Cutaneous Surgery, University of Miami, School of Medicine.

³ Vandeputte, St. Joseph Hospital, Brugge, Belgium. reported at "A European Management Association/Journal of Wound Care Conference, Milan, Italy, April 27-29, 1997.

⁴ Hoekstra, Burns Res. Institute, Beverwijk, Netherlands. 5th European Dist. Meeting, Ascot, UK, May 30-31, 1997.

⁵ Study Title: "Saline Absorption Properties of Various Wound Dressings". Conducted by NAMSA. 2261 Taney Road, Northwood, OH 43619.

⁶ Study Title: "Using a Horseshoe Shaped Glycerine-Based Dressing to Protect Patients from Pressure Sores", R Hürchner, Manager Surgical Cluster. 1997 Red Cross Hospital, Vondellaan 13, NL-1942 LE Beverwijk, the Netherlands. Present Poster Session, 29th WOCN Annual Conference, 1997.

⁷ "Saving Money Using an Absorbent Hydrogel Dressing in the Skilled Nursing Facility". Motta G. J., Whitaker, K. T., Schmellpfling D.

⁸ "Wound Dressing: Meeting Clinical and Biologic Needs", Bolton L, van Rijswijk L, *Dermatology Nursing*, June 1991; Vol. 3: No 3.