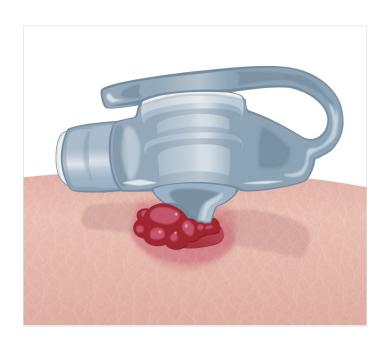


What is granulation tissue?



Granulation tissue (also known as overgranulation tissue, GT, hyper-granulation tissue, granulomas and proud flesh) forms during a normal phase of wound healing.

When a tube is surgically placed in a stoma, the body can get "stuck" in the proliferation phase of tissue building, attempting to heal around the tube. This results in excessive tissue growth.

Granulation tissue comes in many forms. It can appear wet, is delicate, can bleed easily and can be painful.

Shortcomings of Current Treatments

EXPERT OPINIONS

"Silver nitrate causes trauma to the wound and can be distressing to the patient."

— Oldfield, 2009

"All topical steroids have been shown to cause skin atrophy."

— Henge, 2006

Silver Nitrate Cauterization

Chemical cauterization of GT can be painful. Silver nitrate is a known toxic substance, and many patients and caregivers aren't comfortable self-treating at home. A clinic visit, with all the associated time and cost, is often required. Additionally, patients end up with a silver nitrate "tattoo" on the skin.

Steroid Treatment

Topical steroids, such as Triamcinolone and Kenalog®, can have harsh side effects such as skin atrophy and decreased skin pigmentation (particularly noticeable in darker skin tones). Caution must be taken when applying on children, as they are more prone to side effects, including systemic reaction.² Steroids also tend to lose their effectiveness over time due to tolerance buildup.



¹ Borkowski S. G tube Care: Managing hypergranulation tissue. Nursing 2005: 35: 24.

² Henge U, Ruzicka T, Schwartz R, Cork M. Adverse effects of topical glucocorticosteroids. J Am Acad Dermatol 2006; 54:1-15.

How does GranuLotion® work?

Shrinks



GranuLotion makes the osmosis process work for patients. Its **Activated Astringent** technology contracts the tissue cells, causing excess tissue to shrivel and collapse and leaving a clear, dry site.



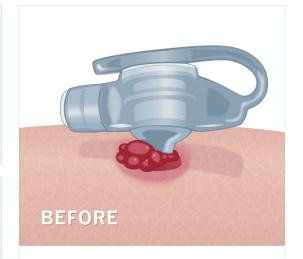
Soothes & Cleans

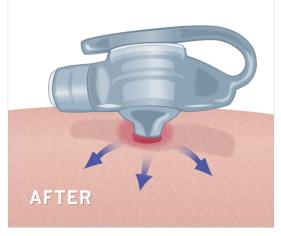
Aloe, Tea Tree Oil and Licorice Extract deliver anti-itch benefits and antimicrobial properties to naturally clean the site.



Protects

Zinc Oxide and Vitamin E act as skin barriers to protect the site and promote overall improvement of the surrounding skin.





The Results Speak for Themselves







Ashlee Kroenung Ferguson

1 hr · Instagram · A

I may have had to wrestle my Jackman 2 times tonight to do his treatments but he happily smiled to take this picture! GranuLotion is awesome and just within 4 days of applying it has helped healed his granulation tissue. Kid approved and definitely CF Mama approved! #cysticfibrosis #jumpin4jack #curecf #gtube #granulotion





The Application Process

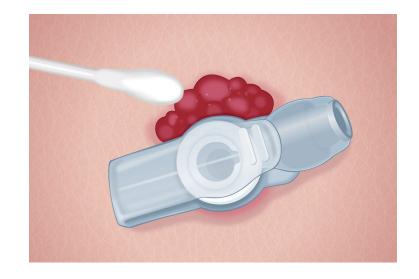


With a Q-tip, apply GranuLotion directly onto the excess tissue only. Apply 4x daily until the site is clear and dry. We recommend application in the morning, noon, evening and before bed.

Continue usage until the tissue sloughs away. During the healing process, it's normal for the tissue to appear grey, black or even a chalky white.



It's safe and gentle enough for your patients to use in the convenience of their own homes.



Caution: Granulation tissue has no nerve endings. If burning or tingling occurs during application, the product is being applied to the wrong area.

If irritation persists: Before the next GranuLotion application, apply a zinc oxide-based skin protectant (such as Desitin and other diaper rash creams) in a bulls-eye shape around the overgranulation region, onto the red, irritated skin.



Cost-Saving Considerations

For Hospitals & Clinicians

- Improves efficiency in post-surgical stoma management. If GT develops, patients can treat at home saving an unscheduled appointment in your clinic.
- Keeps clinicians focused on improved patient outcomes instead of GT.
- No need to purchase silver nitrate, steroids or other treatments.
- Improved patient satisfaction and better patient outcome.

For Patients

- Fliminates costs associated with extra visits to the hospital or clinic: fuel, parking, time off work, lost time and energy.
- Savings on doctors' office fees, copays and deductibles.
- No need to purchase prescriptions for other treatments.
- No time or expenses wasted on home remedies.

Children's Hospital References

Dallas Children's Hospital – Dallas, TX Children's Mercy Hospital – Kansas City, MO Nicklaus Children's Hospital – Miami, FL UW Health American Family – Madison, WI Boy's Town National Research - Omaha, NE

Omaha Children's Hospital – Omaha, NE Tufts Medical Center – Boston, MA Lucile Packard – Palo Alto, CA Children's National – Washington DC Cook Children's – Ft. Worth, TX



