

The Amalgatome SD[®]: Excision and Skin Grafting with ONE device

- Reduce the number of surgical procedures per patient
- Drive clinical and financial efficiency

One Device. Dual Procedures. Improved Outcomes.



Anterior Tibia Autograft



Hand Excision



Lateral Thigh Autograft



Abdominal Excision

Above images courtesy of: Peter Grossman, MD FACS, Grossman Burn Centers

Restoring Skin. Renewing Confidence.

The Amalgatome SD has proven to deliver the following results:

- Potential to shorten patient length of stay¹
- Reduction in Operating Room time and serial visits due to enhanced excision performance²
- More addressable patient excision and skin grafting zones during a single procedure²
- Improved ergonomics and device cutting efficiency due to circular device design³
- Improved graft take on excised site vs the standard dermatome⁴
- Promotes healing and improved cosmesis

Return on Investment with the Amalgatome SD

Consensus Paper Conclusion:

This device greatly improves speed and precision in debridement, provides better patient safety for debridement and grafting. The Amalgatome represents significant advancement in the safety and efficacy for debridement.²

Excision



Grossman Burn Centers

- Prepares uniform wound bed for better graft adherence
- Substantially improve patient excision time with the Amalgatome SD versus traditional excision instruments
- Faster excision time has many benefits, to both the patient, as well as economic benefits for the operating room

Skin Grafting



Tim Pittinger, MD FACS, Akron Children's Hospital

- Uniform, consistent graft quality
- More patient grafting zones available versus conventional Dermatome use- allows more surface area to be excised or grafted in one procedure
- Circular cutting technology allows for maneuverability around difficult grafting areas, particularly useful when recovering skin grafts from abdomen, thigh, and scalp

Delivering ROI Results - Single Patient Savings Impact Model and Flexible Purchasing Programs

Surgical Time During Procedure	Conventional Dermatome	Amalgatome	Savings	Highlights
Average Time for Excising/Grafting	105 mins	60 mins		<i>Reduction in OR time Savings due to one less OR visits</i>
Number of Procedures	3	2		
Average Anesthesia Costs (\$4,706 x # Procedures) ³	\$14,118	\$9,412		
Average Cost OR Trip (\$75/min x # Procedures) ³	\$31,500	\$12,000		
Surgical Costs	\$45,618	\$21,412	\$24,206	
ICU Length of Stay Days	Dermatome	Amalgatome	Savings	Highlights
Average Cost Per Day (\$8,362) ³		\$8,362		<i>Potential length of stay shortening given less OR visits</i>
Reduction in ICU days		3		
ICU Costs		\$25,086	\$25,086	
Total Potential Savings for ONE Patient			\$49,292	<i>Conservatively does not factor in additional revenue gained from reduction in OR time.</i>

- The Resource Group Contract
- Contract: EXSUR-0309699
- **Effective Date: 5.1.2026–3.31.2028**
- **Contact: sales@exsurco.com**
Questions, Demo or Evaluation Requests

References:

- ¹ Granick MS, Garnelli RL, Chehade M. Surgical Wound Healing and Management. The Evolution of Surgical Wound Management: Toward a Common Language. Informa Healthcare, USA, 2007, p55.
- ² Eriksson E, Grossman P, Pittinger T, Ellis C, Gillenwater J, Short T. Consensus on the Benefits of the Exsurco Medical Amalgatome® SD in the Treatment of Burns and other Wounds. Eplasty. Volume 19, 2019.
- ³ Foster K, MD, MBA, FACS; January 2019; The Health Economic Impact of Introducing a Novel Technology into the Burn Center: A Case Study of Autologous Cell Harvesting Device; 37th Annual North American Burn Society; Park City, UT.
- ⁴ Hermans MH, Pittinger T, Bailey K, Powell HM. Report on Three Porcine Proof-of-concept Studies: Comparison of a Dermatome with a Rotating Excision Ring with Conventional Dermatomes for the Harvesting of STSGs and Excision of Necrosis. Wounds. 2019 Mar 29; pii: WND520190329-2. *Data on file at Exsurco Medical Inc.