



RIM MEDICAL TECHNOLOGIES

COMPANY OVERVIEW

Founded in 2018

FDA Registration Number –
3017970304

QS Compliance

Manufacturing, packaging, and
sterilization processes are
performed in ISO 13485:2016
certified facilities

Manufacturing and packaging in
Clean Room Class 8

Patented in Canada, US, EU,
UK, Japan

Biocompatibility and
Performance Testing

Established in 2018 by a medical doctor with over twenty years of expertise, RIM Medical Technologies is a medical device research, development, and manufacturing company headquartered in Calgary, Alberta, Canada. Committed to advancing the healthcare industry, we deliver innovative technological solutions tailored to enhance surgical efficiency and contribute into patient outcomes.

RIM Medical Technologies is registered with the U.S. Food and Drug Administration (FDA) and fully complies with Good Manufacturing Practices as outlined in the Quality Systems Regulation (21 CFR Part 820).

We dedicate our research to identifying and addressing specific challenges in complex surgical procedures. By collaborating closely with medical professionals, we pinpoint critical factors to enhance procedural efficiency and develop customized solutions to meet these needs.

Our medical devices are patented in Canada, the United States, the European Union, the United Kingdom, and Japan, and are manufactured in ISO 13485:2016-certified

facilities. We utilize USP Class VI-tested materials, maintain a rigorously verified list of approved materials and suppliers, and conduct regular audits of our supply chain partners to ensure quality and compliance.

RIM Medical Technologies is committed to providing comprehensive support during the implementation phase and beyond, ensuring that healthcare professionals are comfortable and confident in utilizing all features of our devices.

BONE DUST TRAP

Advanced Bone Dust Filtration System

Innovative technology revolutionizes bone grafting surgical procedures by optimizing collection of autologous material

EXPERT ENDORSEMENT

"Highly effective solution for bone graft collection. Even single use enables harvesting of substantial bone graft volumes. User-friendly, easily to manipulate and reuse. Sophisticated filtration system prevents clogging and minimizes material loss."

Dr. Cory Cundal, Orthopedic Spine Surgeon
Member of Canadian Spine Society, Rockyview
General Hospital, Calgary, Alberta, Canada

SURGEON-CENTRIC ENGINEERING

The Bone Dust Trap was developed by a medical doctor to address the specific needs of surgeons, prioritizing ease of use and functionality. The filter efficiently collects autologous bone particles by capturing bone dust on specialized filtrating surfaces while allowing blood and irrigation fluids to pass through.

STRAIGHTFORWARD USE

1

Connecting the suction line tubing to the device's outlet port, labeled "OUT". Tubing leading to the surgical site is connected to the inlet port, labeled "IN"



2

Securing the device within a draping pouch using a durable fixation clip



KEY BENEFITS

- › **Advanced Dual-Stage Filtration System** maximises collection of bone particles and prevents material loss, even during extensive irrigation
- › **53cc Container Volume** supports continuous collection, minimizing the need for frequent emptying
- › **Robust Construction** featuring a rigid fixation clip and solid inlet and outlet ports to ensure durability and reliability, as validated by performance testing
- › **Simple and Reusable Design** facilitates easy emptying and reuse up to three times within a single procedure, significantly improving operational efficiency
- › **Standard Suction Line and Tubing Compatibility** streamlines the device use in the standard operating room setting

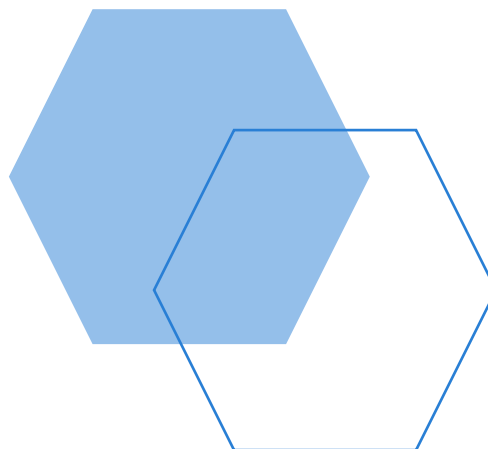
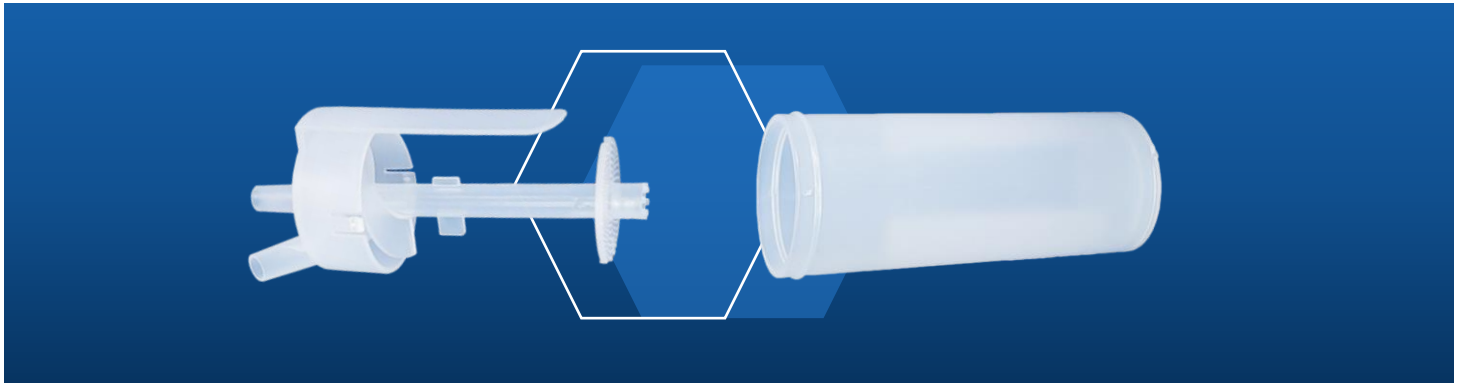
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When the container reaches capacity, the surgeon disconnects the suction tubing from the outlet port and removes the lid to access the collected bone graft.



SLEEK CONVENIENT DURABLE DESIGN

The Bone Dust Trap is engineered featuring a sophisticated, surgeon-centric design that prioritizes functionality and reliability. Its sleek profile ensures seamless integration into surgical workflows, while its convenient features enhance usability. Constructed for durability, the device withstands the demands of rigorous surgical environments, delivering consistent performance.



HIGHLY EFFICIENT PERFORMANCE

The Bone Dust Trap is designed for exceptional efficiency, delivering high-performance results in bone graft collection. Its intuitive design ensures straightforward operation, enabling seamless integration into surgical procedures with minimal training required.



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