

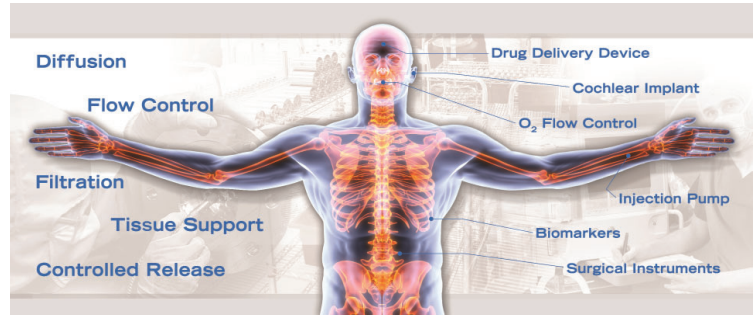
POROUS MEDIA TECHNOLOGY FOR FILTRATION AND FLOW CONTROL IN MEDICAL DEVICES

mott
MISSION CRITICAL PRECISION

APPLICATIONS IN MEDICAL DEVICES

CURRENT INSTALLED BASE INCLUDES:

- Controlled Release Drug Delivery for Implantables
- Anesthesia Equipment Filtration & Flow Control
- Ventilators O₂ Flow Control
- Inhalation Drug Delivery
- Surgical Procedure Devices
 - Cryoablation
 - Fluidization/Insufflation
 - Ablation Surgical Tips (Liquid N₂ Filter)
- Dialysis Instruments, Insulin Pumps
- Biopsy Site Markers



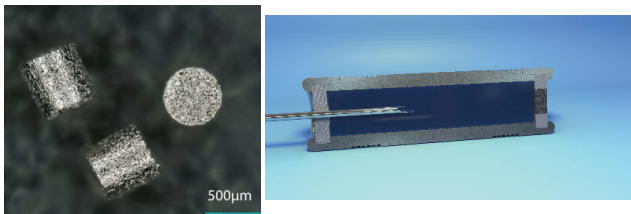
IMPROVE CUSTOMER EXPERIENCE WITH IRONCLAD RELIABILITY

Porous Filters

- High pressures and temperatures
- Low pressure drop
- Wide range of chemical compatibility
- Consistent thermal management throughout procedure
- Wide range of materials
- Low dead volume

Drug Diffusion

- Dosing to specific areas
- Increase patient compliance
- Maintain therapeutic window with low, consistent dose
- Overcome toxicity challenges
- Diverse delivery options



Flow Restrictors

- Laminar flow of gas through porous element
- Mitigates flow spikes
- Clog-free performance
- Acts as a filter
- Designed to specified flow rate
- Wide range of flow rates available

Porous Wicking Devices

- Eliminate trapped air from fluid stream
- Control diffusion rate



Lisa Reardon, Director Global Healthcare Sales
lreardon@mottcorp.com / 860-629-8758