



November 3, 2020

## Dear Valued Customer,

In response to **COVID-19**, The American College of Surgeons (ACS) is recommending to “Use **smoke evacuator** when electrocautery is used”.<sup>1</sup> Likewise SAGES recommend active smoke evacuation be used to ensure proper filtration of CO2 and plume during post-operative laparoscopic disinflation<sup>2,3</sup>.

Journal publications are also concluding a likelihood that COVID-19 remains viable in surgical plumes, citing historical presence of other viruses (HIV, TB) within the plume.<sup>4</sup>

We support ACS and SAGES by providing easy to use smoke evacuation solutions for open electrosurgery and laparoscopy. Evacuate Surgical Smoke: Everyone Has the Right to Clean Air.®

### COVID-19 Risk Prevention

The I.C. Medical **SAFEGUARD BLUE™** Hydrophobic ULPA Filter delivers >99.9999% efficiency on all particle sizes down to 0.03 micron, including all SARS-CoV-2 particles which range from 0.06 - 0.14 micron<sup>7</sup>. **SAFEGUARD BLUE™** Hydrophobic ULPA with Built-In Fluid Trap simultaneously ensures that evacuated surgical plumes, bio-aerosols, blood and fluids, potentially contaminated with SARS-CoV-2, will not pass through the reusable ULPA filter to contaminate the smoke evacuation machine<sup>5</sup>

### Quality Controls and Made in the U.S.A.

For more than 30 years I.C. Medical has been at the forefront of surgical smoke evacuation practice. Every I.C. Medical device is produced, assembled, tested and quality assured in-house at the company's manufacturing facility in Phoenix, AZ.

### Laparoscopic Smoke Evacuation and Disinflation

I.C. Medical Laparoscopic Mode<sup>6</sup> can be used to ensure CO2 gas is effectively evacuated from your patient into the **SAFEGUARD BLUE™** Hydrophobic ULPA filter. Laparoscopic Mode also provides Pneumoperitoneal Pressure Monitoring and an Occlusion Sensor to further ensure patient safety.

Capital	# ICM-450-0000	Crystal Vision 450-D Smoke Evacuator (For Open and Lap)
Disposable	# ICM-000-0003	Inter Abdominal Plume Eliminator Tubing Set w/Luer Connector
Accessory	# ICM-000-0014	<b>SAFEGUARD BLUE™</b> Hydrophobic ULPA Filter w/Fluid Trap
Accessory	# ICM-000-0025	Large Coconut Charcoal Filter
Accessory	# ICM-000-0546	RF Sensor (Auto Activates 450-D When Smoke is Produced)



Model 450-D



SAFEGUARD BLUE™ &  
Large Coconut Charcoal



RF Sensor



Inter Abdominal Tubing

15002 N. 25<sup>th</sup> Dr. Phoenix, Arizona 85023  
 Telephone: (623) 780-0700 Fax: (623) 780-0887  
 Email: [inquiry@icmedical.com](mailto:inquiry@icmedical.com)  
 Website: <http://www.icmedical.com>

## Open Procedure Smoke Plume Evacuation

I.C. Medical Smoke Evacuation Pencils, Shrouds, Speculum Tubing, and Open Tubing are used to effectively evacuate hazardous Surgical Smoke during open procedures (electrosurgery, hyfrecator, etc.) from your patient into **SAFEGUARD BLUE™** Hydrophobic ULPA.



### Telescopic PenEvac 1 Smoke Evacuation Pencil

- Eliminates the need to change blades during surgery.
- Slight counterclockwise turn of the ring enables surgeon to extend the electrode and smoke tube up to 6-1/2 inches.



### Non-Telescopic Smoke Evacuation Pencil

- Low-Cost PenEvac 1 alternative that removes surgical plume efficiently, safely, and quietly.
- Compatible with competitive electrodes.



Shroud – Equips Ordinary Pencil for Smoke Evacuation



Speculum Tubing – For GYN/LEEP Plume Evacuation



Model 460 – For Customers Performing Open Surgery Only

Please Contact **I.C. Medical** via telephone 623-780-0700, or via email [inquiry@icmedical.com](mailto:inquiry@icmedical.com) for additional information. Or, visit us online at <http://www.icmedical.com>



1. [COVID-19 Optimum Surgeon Protection](#)
2. <https://www.sages.org/resources-smoke-gas-evacuation-during-open-laparoscopic-endoscopic-procedures/>
3. <https://uroweb.org/wp-content/uploads/ERUS-guidelines-for-COVID-def.pdf>
4. Minimally invasive surgery and the novel coronavirus outbreak: lessons learned in China and Italy, Min Hua Zheng1
5. [Hydrophobic ULPA](#)
6. [Crystal Vision Smoke Evacuator](#)
7. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4369385/>