CAPTURE SMOKE WITH **ENHANCED VERSATILITY.**[1-3,†]

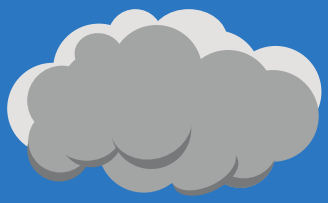
Introducing the Valleylab™ smoke evacuation pencil portfolio

†Telescoping feature only; 16 out of 19 surgeons surveyed agreed.

Medtronic
Further, Together

CLEARLY SEE TARGETED TISSUE.[3,†]

We developed our Valleylab™ smoke evacuation pencils to address your needs in open surgery. With two models to choose from — standard or telescoping — you can have the flexibility to facilitate access and visibility at the surgical site.[3,†,‡] Plus, they can help protect you, your team, and your patients from the potential hazards of surgical smoke.[4]



99%

OF PARTICLES ARE REMOVED[2,§]

†16 out of 19 surgeons surveyed agreed.
‡Compared to a nonextendable smoke evacuation pencil, 17 out of 19 surgeons surveyed agreed.
§Particles similar to surgical smoke.

UNIQUE DESIGN.
EFFICIENT SMOKE CAPTURE.[3,†,‡]

360-Degree Swivel
Connection turns freely and easily to minimize drag on wrist[3,§]

All-In-One System[3,Ω]
- Integrated suction tubing and ESU wire to simplify cord management over the surgical field[3,‡‡]
- Corrugated tubing for flexibility and range of movement[3,§]

Compact, Ergonomic Design[3,Ω]
- Front end has a low profile for enhanced visibility of the surgical field[3,§§]
- A narrow profile that's balanced for a secure grip[3,‡,§]

Smooth and Precise
CUT/COAG rocker switch is ergonomically designed for comfort[3,§§]

At-the-Source Smoke Capture[1,2]
- Capture tube on the telescoping model can be securely adjusted without the need to lock/unlock
- Transparent telescoping smoke nozzle provides clear vision of the target tissue[3,ΩΩ]

Independent, Adjustable Blade[††]
- Telescoping blade allows for independent length adjustment for improved versatility and choice[3,ΩΩ]
- An Edge™ nonstick coated blade electrode

Remove odor, particulates, and other potentially hazardous by-products.

Designed for use with the Valleylab™ smoke evacuation pencils, the RapidVac™ smoke evacuator system captures and filters surgical smoke.[1,2]

†Compared to a nonextendable smoke evacuation pencil; 17 out of 19 surgeons surveyed agreed.
‡15 out of 19 surgeons surveyed agreed.
§19 out of 19 surgeons surveyed agreed.
Ω17 out of 19 surgeons surveyed agreed.
††SEP6000/6015 only.
‡‡31 out of 31 nurses surveyed agreed.
§§Compared to the current device they are using; 15 out of 19 surgeons surveyed agreed.
ΩΩ16 out of 19 surgeons surveyed agreed.

THE DANGERS OF SURGICAL SMOKE.

Let's help protect the 500,000 healthcare workers who are exposed to surgical smoke every year [5,6]

44%
of electrosurgery respondents are
NOT TRAINED
on the hazards of surgical smoke.[7]

27-30
CIGARETTES
is the approximate amount of surgical smoke produced daily in the OR.[4,†]

150+
HAZARDOUS CHEMICALS
have been identified in surgical smoke.[8]

12X
HIGHER
recommended occupational exposure limit to solvent furfural.[9]

Clear Benefits for Going Clear

We've joined forces with AORN to make smoke evacuation as easy as possible. It's called the Go Clear program. Participants in the program qualify for:

- Helpful tools to raise awareness about the dangers of surgical smoke
- Support for taking their facility smoke free
- Rewards for hospitals that successfully complete the program

†Average based on 44 operating days within an elective plastic surgery theatre where human and porcine tissue were subject to electrocautery tissue ablation.

Contact your sales representative to find out more about signing up for the Go Clear program.

OPEN AND LAPAROSCOPIC **SMOKE MANAGEMENT SOLUTIONS.**

COST-TO-VALUE

The benefits of our extensive portfolio

For more than 50 years, our Valleylab™ portfolio has supported you with industry-leading, innovative technologies, tools, and support. Our Valleylab™ smoke evacuation pencils provide value as stand-alone tools. And they complement the products within our extensive electrosurgery and advanced energy portfolio.

Our comprehensive Valleylab™ portfolio may help your facility achieve operational efficiencies and cost-to-value advantages such as:

- Capitalizing on compliance cost-savings as our electrosurgery portfolio grows
- Receiving on-demand access to products as they become available
- Reducing part numbers and vendors to create efficiencies

Join our System Standardization Program

Ask your sales rep about our System Standardization Program. By taking part, you could:

- Receive continuing education programs, biomed training, and in-service videos
- Access support hotlines
- Obtain loaner units when needed

RapidVac™ Smoke Evacuator (SEA3690)
RapidVac™ Fluid Trap (RVFT10)
Valleylab™ Smoke Evacuation Rocker Switch Pencil (SEP6000)

Valleylab™ Laparoscopic Smoke Evacuation System (SEL7010)

Smoke Evacuation Portfolio

Valleylab™ Smoke Evacuation Pencils

	Order Code	Description	Length	Quantity
	SEP5000	Smoke Evacuation Rocker Switch Pencil with Edge™ Blade Electrode	10′ (3 m)	20/case
	SEP5015	Smoke Evacuation Rocker Switch Pencil with Edge™ Blade Electrode	15′ (4.6 m)	20/case
	SEP6000	Telescoping Smoke Evacuation Rocker Switch Pencil with Edge™ Blade Electrode	10′ (3 m)	20/case
	SEP6015	Telescoping Smoke Evacuation Rocker Switch Pencil with Edge™ Blade Electrode	15′ (4.6 m)	20/case

Valleylab™ Smoke Evacuation Pencil Extension Tubes

	Order Code	Description	Length	Quantity
	SEA50595	Smoke Evacuation Extension Tube For use with the SEP5000 & SEP5015 6.5″ electrode sold separately	4″ (10.16 cm)	80/case
	SEA54506	Smoke Evacuation Extension Tube with Edge™ Blade Electrode	Tube 4″ (10.16 cm) Electrode 6.5″ (16.51 cm)	80/case

Electrodes

	Order Code	Description	Length†	Compatibility SEP5000/ SEP5015†	Compatibility SEP6000/ SEP6015‡	Quantity
	E14504	Edge™ Blade Electrode	4″ (10.16 cm)		■	50/case
	E14506	Edge™ Blade Electrode	6.5″ (16.51 cm)	■	■	50/case
	E14526	Edge™ Needle Electrode	6.5″ (16.51 cm)	■	■	50/case
	E14554	Edge™ Insulated Blade Electrode	4″ (10.16 cm)		■	50/case
	E14556	Edge™ Insulated Blade Electrode	6.5″ (16.51 cm)	■	■	50/case
	E1465	Edge™ Insulated Needle Electrode	2.8″ (7.2 cm)	■		50/case
	E14654	Edge™ Insulated Needle Electrode	4″ (10.16 cm)		■	50/case
	E14656	Edge™ Insulated Needle Electrode	6.5″ (16.51 cm)	■	■	50/case
	E15516	Valleylab™ Blade Electrode	6.5″ (16.51 cm)	■	■	50/case
	E15526	Valleylab™ Needle Electrode	6.5″ (16.51 cm)	■	■	50/case

†The Smoke Evacuation Extension Tube (SEA50595) is designed for use with 6.5″ electrodes.

‡The 4″ electrodes are the preferred choice with SEP6000/SEP6015 due to their positioning relative to the smoke cannula.

BREATHE
MORE FREELY.

Experience the value.

Contact your local representative
or call customer service at 800-722-8772.

Visit us at **medtronic.com/smokeevacuation**

Valleylab™ Laparoscopic Smoke Evacuation System

	Order Code	Description	Length	Quantity
	SEL7010	Valleylab™ Laparoscopic Smoke Evacuation System	18" (45.72 cm) from housing to trocar 9' (2.74 m) from housing to wall suction	10/case

RapidVac™ Smoke Evacuator and Accessories

	Order Code	Description	Quantity
	SEA3690	RapidVac™ Smoke Evacuator, 110 V	1 each
	RVFT10	RapidVac™ Fluid Trap	1 each

References

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2. Based on internal test report #R0038994 rev A, Non-IEC verification report: smoke evacuation test. July 2018.
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5. Ball K. Surgical smoke evacuation guidelines: compliance among perioperative nurses. *AORN J.* 2010; 92(2):e1–e23.
6. Laser/Electrosurgery Plume. Occupational Safety & Health Administration Website. http://www.osha.gov/SLTC/laserelectrosurgeryplume/.February 2016.
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8. Pierce JS, Lacey SE, Lippert JF, Lopez R, Franke JE. Laser-generated air contaminants from medical laser applications: a state-of-the-sciencereview of exposure characterization, health effects, and control. *J Occup Environ Hyg.* 2011;8(7):447–466.
9. Hollmann R, Hort CE, Kammer E, Naegele M, Sigrist MW, Meuli-Simmen C. Smoke in the operating theater: an unregarded source of danger. *Plast Rec Surg.* 2004;114(2):458–463.

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