

# LiNA LapGuard™

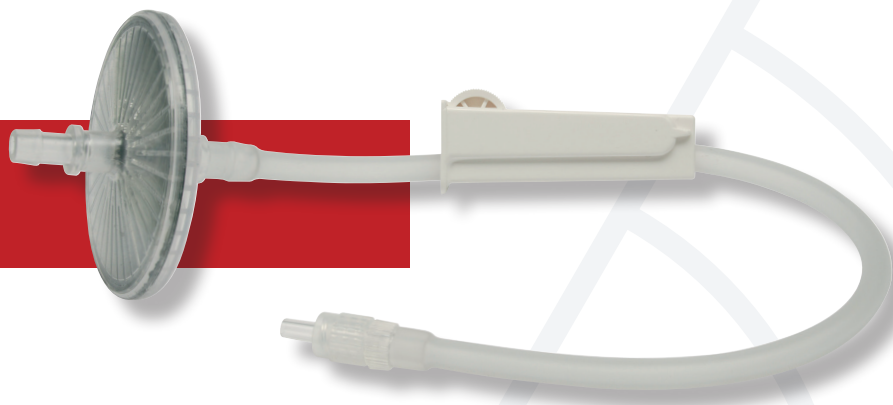
Laparoscopic Smoke Filter

*Clean air in the operating room*



# LiNA LapGuard™

Laparoscopic Smoke Filter



## Safety. Clean air in the operating room

Recent recommendations in laparoscopic surgery in confirmed or suspected COVID-19 cases includes utilising suction devices, smoke evacuation filters, retrieval devices and swabs to:  
(1) prevent aerosol transmission: remove smoke, aerosol and the CO<sub>2</sub> pneumoperitoneum during surgery and  
(2) avoid explosive dispersion of body fluids when removing trocars and retrieving specimens.<sup>1</sup>

Coronavirus virions have a diameter of approximately 125 nm.<sup>2</sup> While concretely SARS-COV-2 has a diameter of approximately 100 nm.<sup>3</sup>

The LiNA LapGuard™ filter has been tested filtering viruses\* with a diameter of 25-27 nm with a filtration efficiency of 99.999968% (\*aerosolised).

### References:

1. Mallick, R., Odejinmi, F., & Clark, T. J. (2020). COVID-19 pandemic and gynaecological laparoscopic surgery: knowns and unknowns. *Facts, views & vision in ObGyn*, 12(1), 7.
2. Fehr, A. R., & Coronaviruses, P. S. An Overview of Their Replication and Pathogenesis. *Maier H, Bickerton E, Britton P (eds) Coronaviruses Methods in Molecular Biology*, 1282.
3. Yinon M Bar-On, Avi Flamholz, Rob Phillips, Ron Milo. SARS-CoV-2 (COVID-19) by the numbers. *eLife*. 2020; 9: e57309. Published online 2020 Apr 2.

## Functionality. Remove smoke and odors

The LiNA LapGuard™ ULPA filter, with active carbon, offers evacuation and filtration of electro-surgical smoke during laparoscopic procedures.

## Simplicity. Easy setup and use

Attach the luer lock connector to a trocar system with gasport. During extensive use of electro-surgery the roller clamp may be adjusted to allow for a constant gas flow.

### Ordering Information:

LiNA LapGuard™ **CE**  
**0459**

Product Code	Description	UOM
LG-0100	LiNA LapGuard™ - Smoke Filter, ULPA - Carbon. Sterile, single use	Box of 10 ea

### Distributor:

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LiNA Medical ApS

• Formervangen 5  
DK-2600 Glostrup  
Denmark

• Tel: +45 43 29 66 66  
Fax: +45 43 29 66 99  
info@lina-medical.com

• www.lina-medical.com  
CVR: 10054974

Quality Management System  
EN ISO13485:2016