



removes
ENDOTOXIN

safely
efficiently
easily

Alteco Medical

**Alteco[®]
LPS Adsorber**

Removing the threat.

The Alteco® LPS Adsorber removes endotoxin safely, effectively and easily in both acute and planned situations.

The Alteco LPS Adsorber is a unique, proven medical device that removes endotoxin (Lipopolysaccharides or LPS) from the blood system through extracorporeal treatment. This innovative device, created by using advanced Swedish technology, is safe and completely non-toxic with no reported side effects. It is being used in the successful treatment of various patient groups with high levels of endotoxin, from critical patients with gram-negative sepsis to scheduled cardio-surgery patients.

The adsorber is quick to prepare and easy to use, which is crucial in critical situations. The process is effective without requiring extra investment and has a rapid onset of action.

When used in an early setting it can be a lifesaver and should be used as a proactive tool to avoid life-threatening situations by preventing organ failure caused by endotoxin, paving the way for successful treatment.

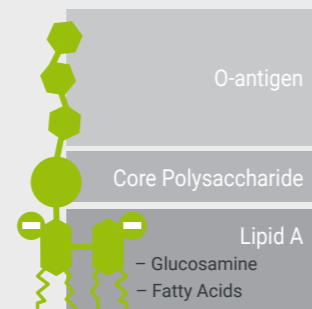
The device delivers rapid results and usually only one treatment is needed. The optimized blood contact area reduces immune activation. It rapidly stabilizes the patient by removing the endotoxin and is an effective tool for helping the immune system to act on its own.

High levels of endotoxin are associated with organ failure and death. Therefore, the sooner treatment is started the better it is. Having an Alteco LPS Adsorber close at hand guarantees that treatment will be quick, effective and easy.

When endotoxin is a threat or a problem, then the Alteco LPS Adsorber is the solution.

Endotoxin, or lipopolysaccharides (LPS), is one of the major components of the cell membrane in gram-negative bacteria.

When the bacteria are lysed the endotoxin is exposed. A secondary endogenous source of endotoxin is epithelial barrier dysfunction in the gut.



Removing endotoxin rapidly stabilizes the patient.

The device produces rapid results when required and usually only one treatment is needed. The optimized blood contact area reduces immune activation. It rapidly stabilizes the patient by removing the endotoxin and is a positive tool for helping the immune system to act on its own.



Alteco® LPS Adsorber

Treatment Data

Rinsing:	500 ml 0.9 % saline
Priming:	0.9 % saline solution with heparin
Blood flow, hemoperfusion:	150 ± 50 ml/min
Recommended treatment time:	2-6 hours

Product Specification

Adsorber volume:	100 ml
Housing:	Acrylic polymer
End caps:	Acrylic polymer
Matrix (porous plates):	Polyethylene
Active component:	Peptide (100 % synthetic)
Sterilisation:	Radiation (e-beam)
Expiration time:	3 years
Inlet/outlet connectors:	Standard dialysis

Regulatory Information

Product registration:	~ 30 countries around the world
Classification:	Medical Device, Class IIa
ISO certificate:	ISO 13485

Dimensions and Weight

Length:	135 mm
Outer diameter:	52 mm
Net weight:	~ 130 g

Order Information

Product name:	Alteco® LPS Adsorber
Product reference number:	LPS-33-100-46
Developer and manufacturer:	Alteco Medical AB Höstbruksvägen 8 226 60 Lund Sweden sales@altecomedical.com www.altecomedical.com

Alteco® is a registered trademark of Alteco Medical AB. The Alteco® LPS Adsorber is based on technology for which patents have been granted in the EU, China (PRC), Russia, USA, etc. The product is bar-coded according to GTIN-13. Not for sale in the US.

For Single Use



Easy to set up
- Easy to use

