

# ULTRADIA

## ENDOTOXIN FILTERS

Dialife  
SWISS QUALITY DIALYSIS 



**HIGH PERFORMANCE  
ANTIPYROGENIC ULTRAFILTERS**



 MANUFACTURED BY:  
DIALIFE SA  
Industrial Center Vedeggio 3  
Via al Fiume 3  
6807 Taverner  
Switzerland

  
0476

UNI CEI EN ISO 13485:2016



[www.dialifegroup.com](http://www.dialifegroup.com)

## MAXIMIZED RETENTION CAPACITY. HIGH PURITY OF DIALYSIS FLUID.

Purity of dialysis fluid is a critical determining factor of hemodialysis biocompatibility. The immune system of patients is sensitive to the presence of contaminants such as pyrogens, endotoxins and bacteria. Together with pressure conditions which can lead to backfiltration, complications such as hemodialysis-related amyloidosis can be experienced. During the use of bicarbonate concentrate, bacterial and pyrogenic contaminations are of particular concern.

In this context, Dialife introduces its ULTRADIA line of depyrogenating ultrafilters, composed of polysulfone membrane.

ULTRADIA filters allow for high dialysate purity, with a pyrogen removal factor of  $10^5$ . Absorption and purification capabilities are maximized by the asymmetric properties of the employed fiber.

Multiple connection solutions are available (4 Hansen ports open, 3 Hansen ports open + 1 Hansen port close, 3 Hansen ports, etc), to ensure compatibility of use with most hemodialysis systems.



### SPECIFICATIONS

Effective membrane area : 2.1 or 2.8 m<sup>2</sup>

Endotoxin retention capacity :  $\geq 10^5$

Average filtration rate/m<sup>2</sup> : 2.4 ml/min mmHg m<sup>2</sup>

Bacteria retention capacity :  $\geq 10^{10}$

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