



Advanced IV Filtration Technology:



Prevention of bacterial transfer and intraluminal biofilm formation¹

Details:

Ryder M. (2016). Advanced IV filtration technology: Prevention of bacterial transfer and intraluminal biofilm formation. Journal of the Association for Vascular Access; 21(4): 247



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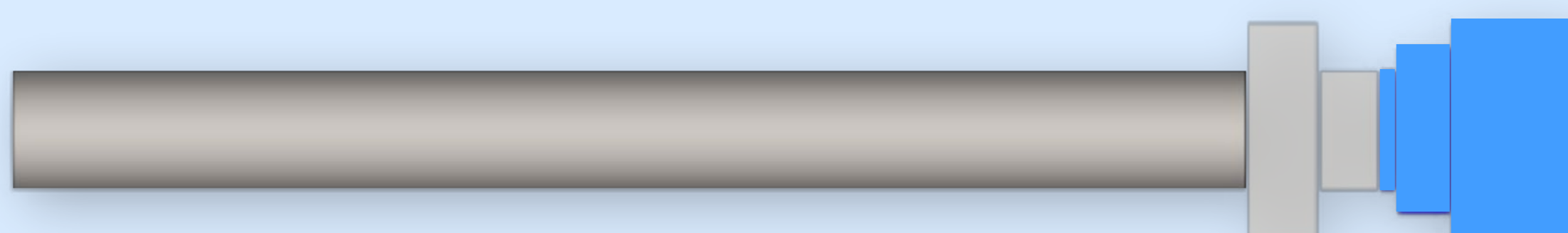
Our products used in this study:

ELD filter

The purpose:

The purpose of the study was to compare the intraluminal bacteria transfer and biofilm formation when a 0.2µm bacteria and endotoxin retentive filter is placed between a needleless connector attached directly to the catheter hub.

Control (no filter)



ELD 96 hr (0.2 micron)



RESULTS

“The use of the 0.2 µm Posidyne ELD filter eliminated the passage of bacteria through the filter”

and

“significantly reduced biofilm formation within the catheter hub and lumen.”

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