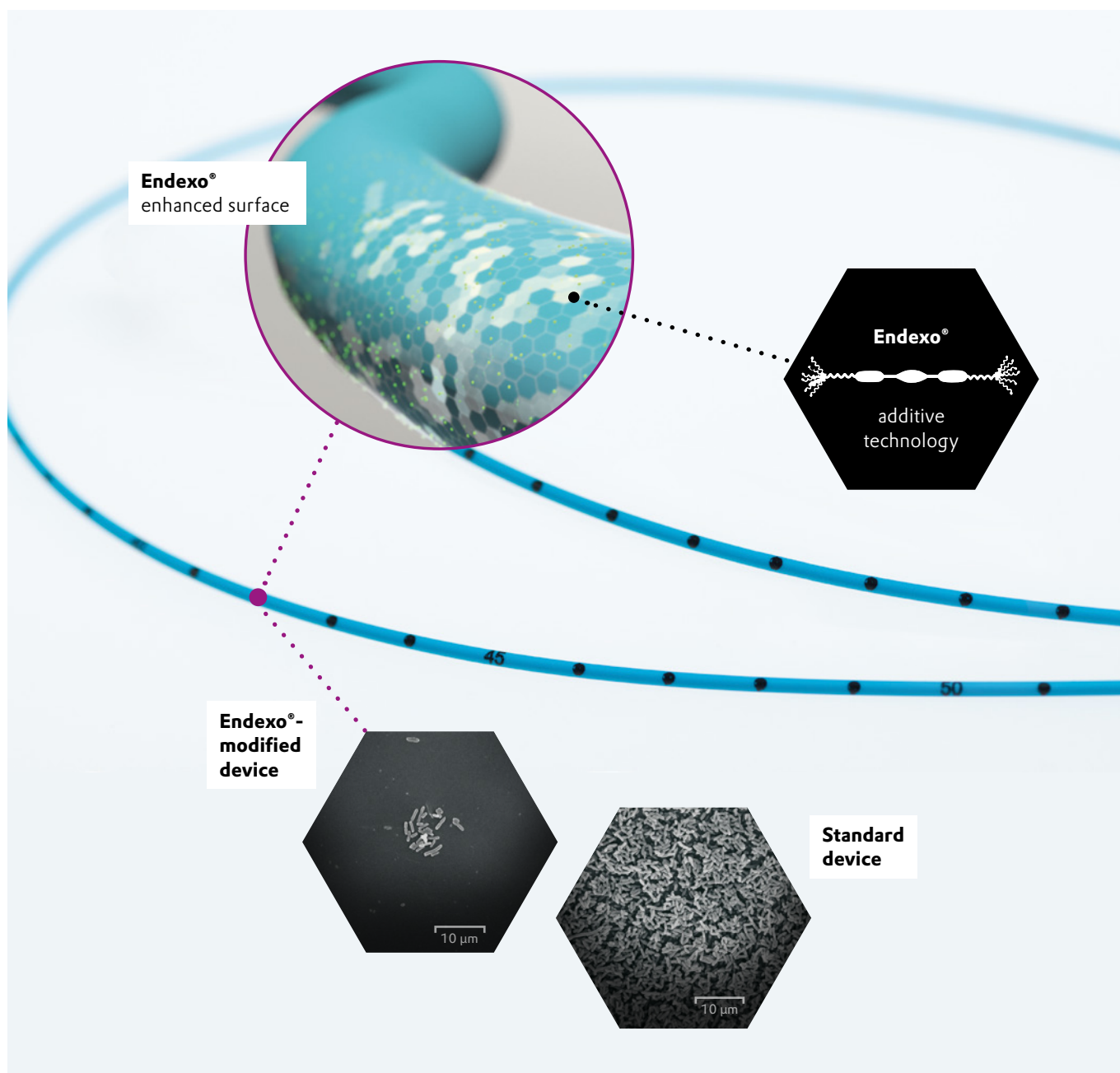


Reduce bacterial adhesion and biofouling



Key benefits of Endexo®

1

Passive surface

2

No biologicals or drugs

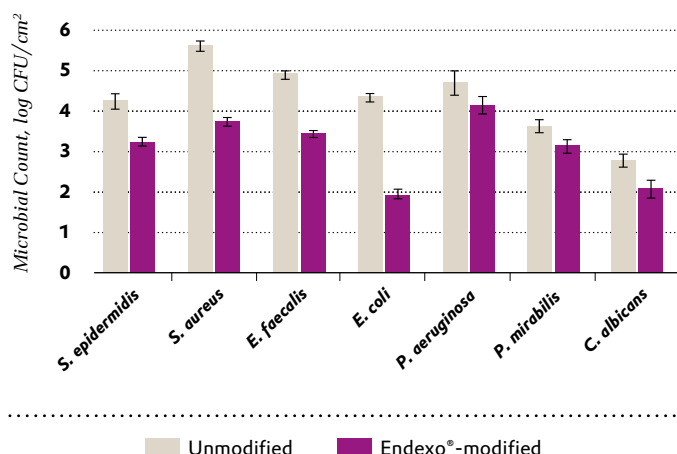
3

Non-eluting

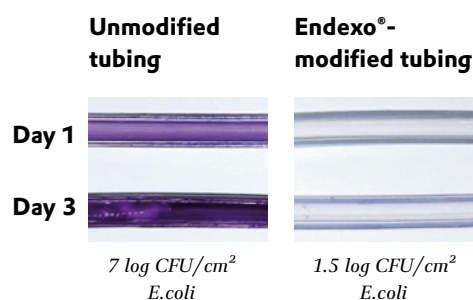
Endexo® provides efficacy across a range of bacterial species and conditions

Endexo® additive technology creates a unique chemistry at the device surface that minimizes bacterial adhesion and biofilm formation without the use of antibiotics, antiseptics or other active antimicrobials. Reductions in bacteria adhesion of up to ~5 log (99.9+ %) have been observed in *in-vitro* studies under various test conditions.

Microbial adhesion to polyurethane devices after 2 hours incubation in inoculated buffer



E. coli adhesion and biofilm formation (stained purple) in polyurethane tubing with artificial urine flow



Cost-effective and sustained advantage over alternative solutions

Endexo® surface modification can be easily implemented during standard device manufacturing without the need for device post-processing steps, or special packaging. Endexo® does not rely on active biologicals, drugs, or elution mechanisms and therefore maintains its efficacy over time when in contact with biological fluids.

Property	Endexo®	Coating	Imbibing
Uniform modification (present on all exposed surfaces)	+	-	+
Passive technology (no active biologicals or drugs)	+	+/-	-
Biodurable (no elution or loss of activity over time)	+	+/-	-
Mechanically durable	+	-	+
No special manufacturing steps or packaging needed	+	-	-
Compatible with a range of polymers and fillers	+	+	-

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Evonik Operations GmbH
Health Care Business Line

healthcare@evonik.com
www.evonik.com/healthcare