



Proven (in vitro) to *Inhibit*
Bacterial Attachment & Biofilm Formation¹

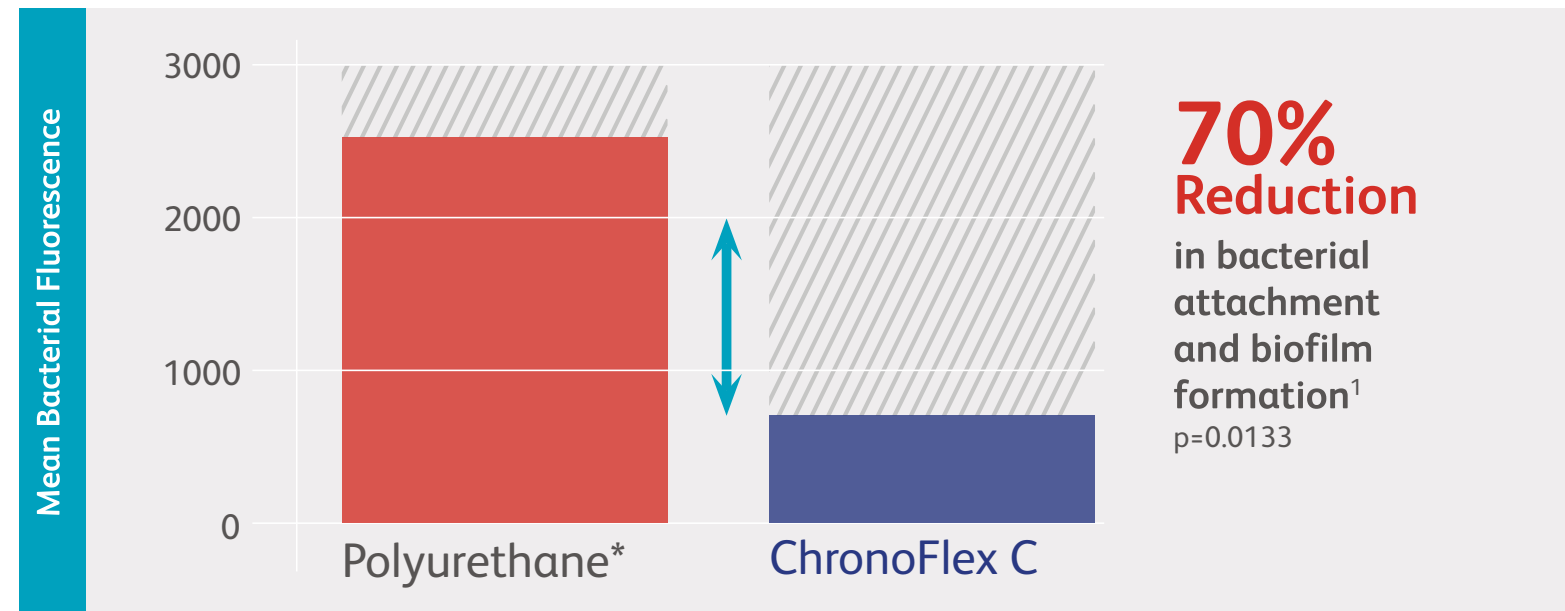
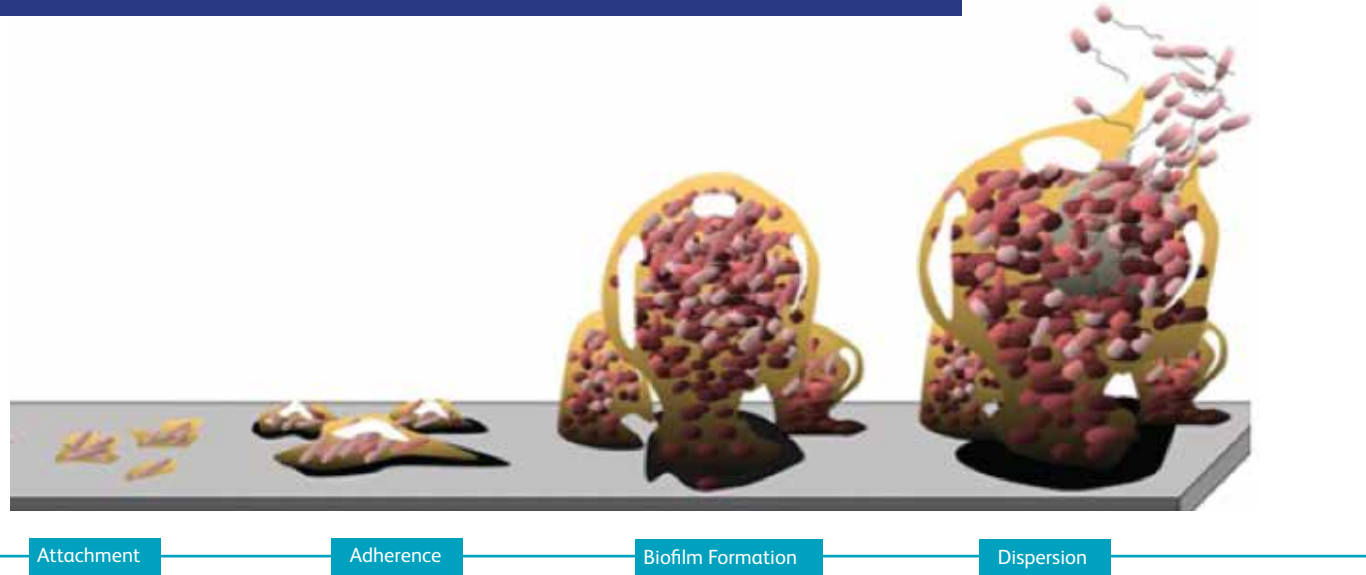


ChronoFlex C[®] with BioGUARD[™] Technology

Infection Prevention by Design

Virtually ALL device-related bloodstream infections are BIOFILM INFECTIONS²

Development of CRBSI requires days for biofilm to mature

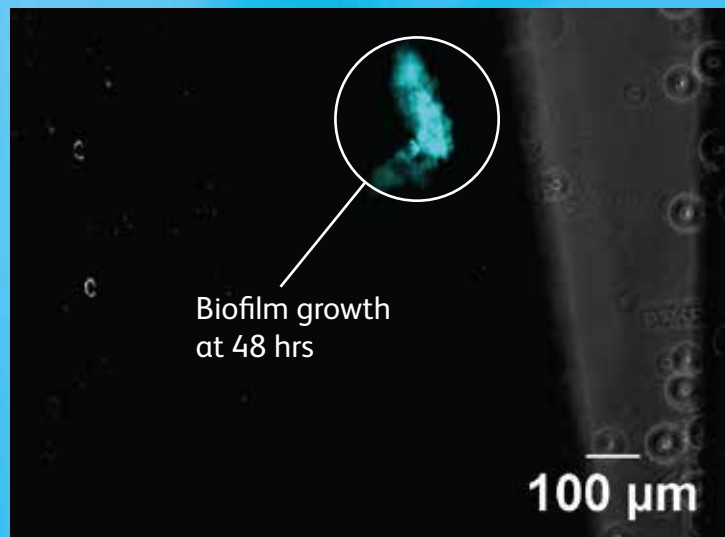


Comparison 1 CFP	Polyurethane	ChronoFlex C	Lower 95CI %	Upper 95CI %	Pvalue	Normality Test
Mean	2.457E+10	7.707E+09	4.578E+09	2.915E+10	0.0133	0.7669
Standard Dev	1.682E+10	1.159E+10	1.080E+10	3.063E+10		

Pvalues reported on Mean row come from Paired t-test.

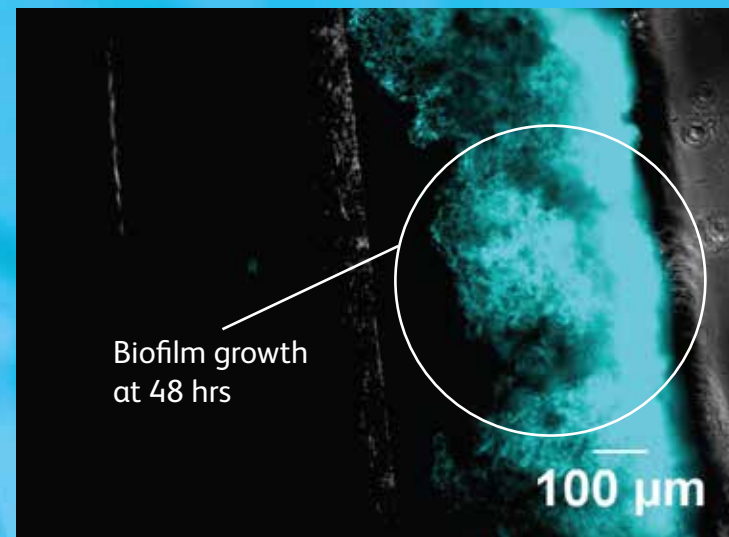
Test for Normality is based on Shapiro Wilk test.

Biofilm Resistance - ChronoFlex C®



ChronoFlex C with BioGUARD inhibits bacterial attachment and biofilm formation¹.

Abundant Biofilm Growth - Polyurethane*



Polyurethane is proven to "facilitate bacterial attachment" during natural aging.^{3,4}

Over 35,000 catheter-days with zero associated bloodstream infections

Peer-Reviewed Published Studies

Lead Author	Institution	Journal	Associated BSI
Warrington	Orlando Regional	JAVA 2012	0.0%
Caparas	NY Hosp. Queens	JVascAccess 2014	0.0%
Sigl	Advocate IL	JAVA 2015	0.0%
Moreau	Piedmont GA	JAVA 2015	0.0%
Pathak	Richmond NY	Inf Dis Clin Practice	0.0%
Caparas	New York Pres	JAVA 2017	0.0%

Scientific Posters

Lead Author	Institution	Conference	Associated BSI
Bird	Texas Health	AVA 2012	0.0%
Castro	Las Palmas, TX	AVA 2012	0.0%
Baliad	Flagstaff Med Ctr.	INS 2013	0.0%
Caparas	NY Hosp. Queens	INS 2013	0.0%
Robbins	Brooke Army Hosp.	AmBurnAssoc 2014	0.0%
DeVries	Methodist Hosp.	AVA 2017	0.0%

Proven: Biofilm Resistant¹

