

Baymedix™ CH: Biological Properties

Hemocompatibility* (ISO 10993-4: Chandler loop, human blood)

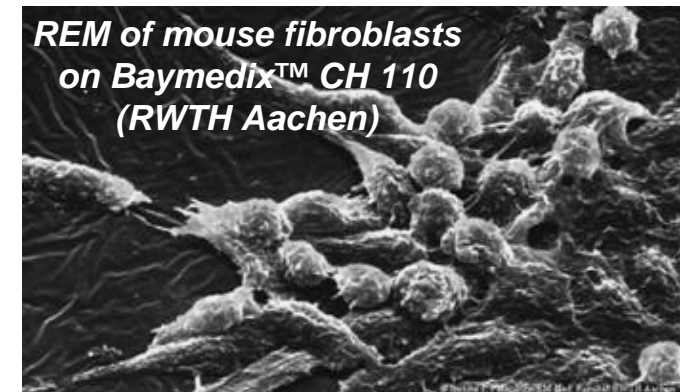
- Thrombogenicity/adhesion: reduced vs. TPU/SS
- Coagulation activation (thrombin-antithrombin III): reduced 91% vs. TPU, 97% vs. SS
- Platelet activation (β -thromboglobulin): reduced 73% vs. TPU, 77% vs. SS
- Leukocyte activation (PMN-Elastase): reduced 20% vs. TPU ($p > 0.05$), 52% vs. SS

	Control (empty)	Baymedix™ CH	medical TPU	Stainless Steel
thrombocyte adhesion	+	+	---	---
leukocyte adhesion	+	+	---	---
fibrin (network) adhesion	+	+	---	---
protein adsorption	+	+	---	---

+ indicates low adhesion/adsorption

Cytotoxicity* (ISO 10993-4: mouse fibroblast, MEM elution)

- Score=0: no reactivity
- Coating contains polymer only, no additives



* Representative Baymedix™ CH products tested. Not all grades have been fully characterized.