

Application	Key STAR function			
	Prevent infection	Prevent fibrous encapsulation	Promote angiogenesis	Tissue Integration Scaffold
Prosthetics				
Breast Implants		✓		
Prosthetic / orthopedic implants	✓			
Implanted hearing devices		✓		
Ophthalmic				
Glaucoma drainage device (<i>iSTAR</i>)		✓		✓
Retinal implants		✓		✓
Artificial cornea				✓
Surgical products				
Surgical mesh for prolapse/hernia	✓	✓		
Deep wound repair / filling			✓	✓
Dermal filler			✓	✓
Bone repair / filler				✓
Tissue/organ culturing scaffold				✓
PFO closure				✓
Fistula repair	✓			✓
Sensors				
Glucose sensor implant		✓		
Therapeutics delivery				
Implanted drug delivery devices		✓		
Insulin islet & other cell seeding		✓		
Brachytherapy radiation seed implants	✓			✓
Animal implants (drug infusion ports)	✓	✓		
Stimulators				
Neurostimulation electrodes		✓		
Percutaneous stimulator vs. obesity	✓	✓		
Percutaneous devices				
Percutaneous driveline for VADs	✓			
Catheter cuffs	✓			
Custom catheters/feeding tubes	✓			
Vascular				
Vascular stent sleeve vs. restenosis				✓
Vascular grafts (AV, PV, CABG)		✓		
Hemodialysis access port (no needles)	✓			✓