

## PDS™ Plus Antibacterial (Polydioxanone) Suture

Product Characteristics	PDS™ Plus Suture
Physical Material	Polydioxanone
Construction	Monofilament
Absorbable / Non-absorbable	Absorbable
Coating (if applicable)	N/A
Colours	Undyed – clear and Dyed – violet
Available Size Range	1 through to 6/0
Tensile Strength (Wound Support)	Long Term (8 weeks)
Tensile Strength Retention in Tissue	4/0 and smaller: 60% of original strength remains at 2 weeks 40% of original strength remains at 4 weeks 35% of original strength remains at 6 weeks 3/0 and larger: 80% of original strength remains at 2 weeks 70% of original strength remains at 4 weeks 60% of original strength remains at 6 weeks
Absorption Time	Completely absorbed in 182-238 days
Frequent Uses	Abdominal and thoracic closure; Subcutaneous tissue; Colon and Rectal surgery; Orthopaedic and Plastic Surgery

PDS™ Plus Sutures with IRGACARE® MP (triclosan) are effective against the pathogens most commonly associated with surgical site infections<sup>1,2,3</sup>:

- *Staphylococcus aureus*
- *Staphylococcus epidermidis*
- Methicillin-resistant *Staphylococcus aureus* (MRSA)
- Methicillin-resistant *Staphylococcus epidermidis* (MRSE)
- *Escherichia coli*
- *Klebsiella pneumoniae*

<sup>1</sup>. Wang ZX, Jiang CP, Cao Y, Ding DT. Systematic Review and meta-analysis of triclosan-coated sutures for the prevention of surgical site infection. British Journal of Surgery 2013;100:465-473

<sup>2</sup>. Edmiston CE, Daoud FC, Leaper D. Is there an evidence-based argument for embracing an antimicrobial (triclosan) coated suture technology to reduce the risk for surgical site infections?: A meta-analysis, Surgery 2103:154;89-100

<sup>3</sup>. PDS Plus IFU (instructions for use)