

### SYNTHETIC ABSORBABLE SURGICAL SUTURES

Polydioxanone suture provides wound support for longer period as compared to other synthetic absorbable sutures. This suture offers far superior tensile strength.

#### Virtues

Provides wound support for longer periods up to 50 days.  
Polydioxanone suture offers far superior tensile strength and outstanding pliability.  
Its monofilament structure provides excellent handling properties and good knot security.

The suture retains approximately 78.45% of the initial tensile strength within 14 days of implant, 69.7% of tensile strength after 28 days, 57.95% after 43 days and 40.55% after 57 days of implantation and the suture is essentially absorbed completely between 180 to 210 days.

#### Material

Polydioxanone suture is made from polymerizing para dioxanone monomer and made available in violet colour for easy identification during surgery.

#### Tissue Reaction



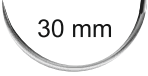









Grade-1 Reactivity - Slight

#### Applications

Polydioxanone is an ideal suture for use in general orthopaedic surgery, Gastro intestinal tract, sheath closure, Oncology, Geriatric, sub cuticular and general surgery.



**SYNTHETIC ABSORBABLE SURGICAL SUTURES**

NEEDLE LENGTH	NEEDLE DESCRIPTION	CUT	SUTURE LENGTH	SUTURE SIZE			
				3-0	2-0	0	1
 20 mm	1/2 Circle Round Body		70 cm	SCT 9237			
 30 mm	1/2 Circle Round Body		45 cm		SCT 9133S		
 30 mm Heavy	1/2 Circle Round Body		70 cm			SCT 9254	
 40 mm Heavy	1/2 Circle Round Body		90 cm			SCT 9371	SCT 9248
			150 cm Loop			SCT 9260	
 50 mm Heavy	1/2 Circle Round Body		150 cm Loop				SCT 9262
 50 mm Heavy	1/2 Circle Reverse Cutting		90 cm				SCT 9374