

ABSORBABLE

Novosyn® Quick	When rapid absorption would be beneficial
SHORT-TERM absorbable	
TYPE	BRAIDED
COLOUR	UNDYED
RAW MATERIAL	POLYGLACTIN 910
COATING	POLYGLACTIN 910 & CaSt
USP Sizes	6/0 up to 2
METRIC Sizes	0.7 up to 5
STRENGTH RETENTION	5 DAYS 50%
MASS ABSORPTION	42 DAYS
DEGRADATION	HYDROLYSIS
INDICATIONS	Episiotomies Skin closure, particularly in paediatric surgery Closure of oral mucosa
ADVANTAGES	Fast and predictable degradation profile Smooth surface. High initial tensile strength Good knot security High flexibility and pliability Excellent handling properties Quick mass absorption

Novosyn®	Predictable & reliable absorption.
MID-TERM absorbable	
TYPE	BRAIDED
COLOUR	VIOLET / UNDYED
RAW MATERIAL	POLYGLACTIN 910
COATING	POLYGLACTIN 910 & CaSt
USP Sizes	8/0 up to 2
METRIC Sizes	0.4 up to 5
STRENGTH RETENTION	21 DAYS 40%- 50%
MASS ABSORPTION	56-70 DAYS
DEGRADATION	HYDROLYSIS
INDICATIONS	Gynaecology Ophthalmic surgery Urology Ligatures General Surgery Microsurgery
ADVANTAGES	Improved knot pull tensile strength (KPTS) Better flexibility performance & similar knot safety, compared to market reference. Greater smooth surface than market reference in USP sizes 0 and 2/0, allowing an easier & faster knot running down. Needle penetration performance better for the most used needles of Novosyn® compared to the market reference . Less inflammatory reaction after suture implantation compared to the market reference based on in-vivo animal studies.

Monosyn Quick	
SHORT-TERM absorbable	
TYPE	MONOFILAMENT
COLOUR	UNDYED
RAW MATERIAL	GLYCONATE
COATING	UNCOATED
USP Sizes	6/0 TO 1
METRIC Sizes	
STRENGTH RETENTION	7 DAYS 50%
MASS ABSORPTION	56 DAYS
DEGRADATION	
INDICATIONS	
ADVANTAGES	

Monosyn®	Not cardio/vascular, eyes or neuro
MID-TERM absorbable	
TYPE	MONOFILAMENT
COLOUR	VIOLET/UNDYED
RAW MATERIAL	GLYCONATE
COATING	UNCOATED
USP Sizes	7/0 TO 2
METRIC Sizes	
STRENGTH RETENTION	14 DAYS 50%
MASS ABSORPTION	60-90 DAYS
DEGRADATION	
INDICATIONS	General soft tissue approximation NB. Copolymer 72% glycolide, 14% ε-caprolactone, 14% trimethylenecarbonate Gynaecology ovarian/uterus /vaginal closure GI anastomosis / mesh fixation -GenSurg Skin closure subcut / intracutaneous Oral surgery
ADVANTAGES	

MonoPlus®	Offers good handling/combined great strength.
LONG-TERM absorbable	
TYPE	MONOFILAMENT
COLOUR	VIOLET
RAW MATERIAL	POLYDIOXANONE
COATING	UNCOATED
USP Sizes	7/0 UP TO- 2
METRIC Sizes	0.5 UP TO 5
STRENGTH RETENTION	>3/0 35 DAYS 50%, <4/0 28 DAYS 50%
MASS ABSORPTION	180-210 DAYS
DEGRADATION	
INDICATIONS	Ideal, where extended wound support 4+weeks desirable. Slow degradation profile
ADVANTAGES	

Monomax®	Unique suture due to raw material
XLONG-TERM absorbable	
TYPE	MONOFILAMENT
COLOUR	VIOLET
RAW MATERIAL	POLY-4 HYDROXYBUTYRATE
COATING	UNCOATED
USP Sizes	2/0 UP TO 1
METRIC Sizes	3 UP TO 4
STRENGTH RETENTION	90 DAYS 50%
MASS ABSORPTION	MORE 365 DAYS
DEGRADATION	HYDROLYSIS & ENZYMATIC reaction
INDICATIONS	Closure of abdominal wall (AWC)
ADVANTAGES	Elasticity & elongation: elongates twice as much as polydioxanone sutures (PDS) Loses its relative tensile strength slower than polydioxanone sutures (slower tensile strength degradation profile compared to polydioxanone). With hook needles for laparoscopic procedures/adequate for fascia closure in open or in laparoscopic procedures. Literature reports the need to use a slowly-absorbable or even non-absorbable suture to prevent trocar site hernias. Possibly reduces the incidence of incisional hernias in comparison to polypropylene sutures.

NON-ABSORBABLE

Optilene®	Good handling / endorsed by Cardiothoracic Surgeons
TYPE	MONOFILAMENT
COLOUR	BLUE (better visibility)
RAW MATERIAL	POLYPROPYLENE + POLYESTER
COATING	UNCOATED
USP Sizes	10/0 UP TO 2
METRIC Sizes	0.2 UP TO 5
	PERMANENT
INDICATIONS	
ADVANTAGES	<p>Superior smoothness & smaller tissue drag than polypropylene sutures. Controlled knot run-down</p> <p>Reliable tensile strength.</p> <p>Improved thread visibility for enhanced visual comfort</p> <p>Lower memory effect than the market standard</p> <p>High thread pig-tailing resistance.</p> <p>RacePack/LongPack packaging reduce memory.</p> <p>Reengineered pliability for good touch and controlled suture elongation in microsurgery sizes</p>

Daffilon®	
TYPE	MONOFILAMENT
COLOUR	BLUE/BLACK/UNDYED
RAW MATERIAL	POLYAMIDE
COATING	UNCOATED
USP Sizes	11/0 TO 5
METRIC Sizes	0.1 UP TO 5
	PERMANENT
INDICATIONS	
ADVANTAGES	

PremiCron®	Soft tissue wound edges / undisturbed wound healing
TYPE	BRAIDED
COLOUR	GREEN/UNDYED
RAW MATERIAL	POLYESTER
COATING	SILICONE
USP Sizes	5/0 TO 8
METRIC Sizes	
	PERMANENT
INDICATIONS	Any adult patients who do not meet any contraindication General surgery Cardiovascular/Vascular
ADVANTAGES	<p>Wide range of needle-thread combinations.</p> <p>Available with black needle combinations.</p> <p>Braided thread structure has central core covered by several small compact braids of polyester filaments.</p> <p>Reliable knotting / needle attachment.</p> <p>Good handling.</p> <p>Pledgets mechanically reinforce fragile tissue/prostheses, preventing them from being torn or out by the suture in C/Vascular surgery (e.g. valve replacement, cardiac injuries, ventricular septal defects) with a non-absorbable suture.</p> <p>Pledgets exclusively polytetrafluoroethylene (PTFE), non-degradable/strain-resistant. Available for C/Pract options - for adaptation (soft/firm, oval/rectangular and pre-pierced/blind).</p>

Silkam®	Where surgical practice require use non-absorbable suture
TYPE	BRAIDED, NATURAL
COLOUR	BLACK/WHITE
RAW MATERIAL	NATURAL SILK FILAMENTS
COATING	WAX
USP Sizes	8/0 TO 6
METRIC Sizes	0.4 TO 7
	PERMANENT
INDICATIONS	<p>General surgery</p> <p>Skin Closure</p> <p>Oral Surgery</p> <p>Ligatures</p>
ADVANTAGES	

MANIPLER

Manipler® AZ skin stapler	Sterile single-use skin stapler designed to deliver 35 stainless steel staples at the end of any surgical procedure. It offers reliable / intuitive handling, thus reducing the risk to the patient.
Indication	can be used for routine skin closure in a wide variety of surgical procedures.
	General surgery
	Gynaecology
	Orthopaedics
	Thoracic surgery
	Heart and Vascular surgery
	Urology
	Others
Advantages	High quality construction
	Well balanced weight and ergonomic design
	Slim grip design
	Special angled head
	Flexible placement angle
	Alignment indicator