

SYNETURE

Surgical needles and
NuCoat™ technology



Syneture needles are coated with NuCoat™, a unique and proprietary coating technology. NuCoat™ technology is a surgical needle coating and coating application process. The NuCoat™ coating decreases friction with tissue thereby reducing penetration force. The unique application process ensures a longer lasting coating providing excellent strength, sharpness and durability on multiple passes. Syneture needles will enhance clinicians' work and improve the case flow in your operating room.

Learn more: www.syneture.com

NEEDLE GUIDE



CARDIOVASCULAR

Taper, tapercutting and conventional cutting type needles for cardio, vascular, bone (sternum), and other soft and hard tissue closures. Taper point needles feature slim taper ratio geometry without cutting edges in order to decrease leakage in vessels. Tapercutting needles are specifically designed to provide excellent penetration through hard, calcified arteries. Cardiovascular (vessel) closure CV-Series needles are made exclusively of SURGALLOY™ and 300 series stainless steel material for improved strength and ductility.



⊙ taper point • 3/8 circle

code	length	cardiovascular
CV-1/CVF-1	9mm	BV-1
CV-310	10mm	BV
CV/CVF	11mm	BV
CV-11/CVF-11	12mm	C-1
CV-301	13mm	C-1*
CV-307	16mm	BB*
CV-15/CVF-15	17mm	BB
CV-327	18mm	BB*
CV-16	20mm	
CV-13	22mm	BB-1
CV-18	26mm	TE-2
CV-17	32mm	TE
CV-19	50mm	

⊙ taper point • 1/2 circle

code	length	cardiovascular
CV-20	10mm	RB-3
CV-337	10mm	BV
CVF-21	13mm	TF
CV-22/CVF-22	13mm	RB-2
CV-330	13mm	RB-2
CV-26	15mm	RB-1*
CV-331	16mm	RB-1*
CV-23/CVF-23	17mm	RB-1
CV-316	20mm	SH-2
CV-24	20mm	SH-2
CV-25	22mm	SH-1
CV-305	25mm	SH*
V-20/VF-20	26mm	SH
V-30	30mm	
CV-300	35mm	MH*
V-26	37mm	MH*

⊙ taper point • sickle

code	length	cardiovascular
CVL	11mm	
CVL-11	13mm	

⊙ penetrating taper • 3/8 circle

code	length	cardiovascular
YE-1	13mm	CC-1
YE-7	18mm	V-4

⊙ penetrating taper • 1/2 circle

code	length	cardiovascular
Y-31	17mm	V-5
Y-16	20mm	V-6*
Y-5	26mm	V-7

⊙ tapercutting • 3/8 circle

code	length	cardiovascular
KV-1/KVF-1	9mm	CC
KV-11/KVF-11	13mm	CC-1
KV-15	17mm	V-4
KV-26	26mm	V-7

⊙ tapercutting • 1/2 circle

code	length	cardiovascular
KV-5/KVF-5	17mm	V-5
KV-7	26mm	V-7

▲ conventional cutting • 1/2 circle

code	length	cardiovascular
SCC	48mm	CCS
SCC-1	60mm	CCS-1
GCC-90	90mm	

*Suggested

▲ conventional cutting • $\frac{3}{8}$ circle

code	length	plastic/cosmetic
PC-13	11mm	P-1
PC-10	13mm	PC-1
PC-11	16mm	PC-3
PC-12	19mm	PC-5

◆ DermaX™ premium X cutting • $\frac{3}{8}$ circle

code	length	plastic/cosmetic
DX-11	11mm	P-1
DX-13	13mm	PC-1
DX-16	16mm	PC-3
DX-19	19mm	PC-5

▼ premium reverse cutting • $\frac{3}{8}$ circle

code	length	plastic/cosmetic
P-16	7mm	P-6
P-10	11mm	P-1
P-13	13mm	P-3
P-15†	15mm	
P-11	16mm	PS-3
P-12	19mm	PS-2
P-14	24mm	PS-1
P-17†	30mm	PSL
P-18†	39mm	PSLX

◆ DermaX™ premium X cutting • $\frac{1}{2}$ circle

code	length	plastic/cosmetic
DXH-16	16mm	PC-12

▼ premium reverse cutting • $\frac{1}{2}$ circle

code	length	plastic/cosmetic
P-21	9mm	P-2
P-22	13mm	PS-5
P-24	15mm	PS-4*

*Suggested
†Not yet available

Premium reverse, conventional and new X-cutting type needles for cuticular and subcuticular tissue closures in plastic, cosmetic specialty and ER (emergency room) applications. Premium reverse cutting needles are made of SURGALLOY™ material for enhanced strength and ductility.

PLASTIC/COSMETIC

MICROSURGERY

Taper and tapercutting type 3/8 circle curvature needles for neuro and micro-vascular applications.



Premium spatula, spatula and reverse cutting needles for Ophthalmic surgery applications: cornea, sclera, conjunctiva, eyelid, muscle and other tissue repair.

OPHTHALMIC

⊙ taper point • 3/8 circle

code	length	microsurgery
MV-100-3	4mm	BV-100-3
MV-50-3	4mm	BV-50-3
MV-70-3	4mm	BV-75-3
MV-135-3	4mm	BV-130-3*
MV-70-4	5mm	BV-75-4
MV-135-4	5mm	BV-130-4*
MV-100-4	5mm	BV-100-4
CV-345	6mm	BV-130-5
MVF-135-5	6mm	BV-130-5
MV-135-5	6mm	BV-130-5
CV-351	8mm	BV-175-6
MV-175-8	8mm	BV-175-6
MVF-175-8	8mm	BV-175-6
MV-175-9	10mm	BV-175-8

⊙ tapercutting • 3/8 circle

code	length	microsurgery
MVK-70-3	4mm	BV-75-3
MVK-100-4	5mm	BV-100-4

▼ reverse cutting • 3/8 circle

code	length	ophthalmic
HE-10	6mm	G-6*
HE-6	7mm	G-6
HE-5	9mm	
HE-1	11mm	G-1
HE-3	13mm	G-3

▼ reverse cutting • 1/2 circle

code	length	ophthalmic
HE-7	7mm	G-7
HE-2	9mm	G-2
HE-4	13mm	

➤ spatula • 1/4 circle

code	length	ophthalmic
SS-29	6mm	S-29
SS-24	8mm	S-24/RD-1
SS-14	10mm	S-14

➤ spatula • 1/2 circle

code	length	ophthalmic
SS-2	8mm	S-2

⚡ premium spatula • 1/4 circle

code	length	ophthalmic
SE-100-8	6mm	TG-100-8
SE-90-6	6mm	

⚡ premium spatula • 5/16 circle

code	length	ophthalmic
SLO-110-11	8mm	

⚡ premium spatula • 3/8 circle

code	length	ophthalmic
SE-140-6	6mm	TG-140-6
SE-140-8	6mm	TG-140-8

⚡ premium spatula • 1/2 circle

code	length	ophthalmic
SE-160-4	6mm	TG-160-4/CS-160-4
SE-160-6	6mm	TG-160-6
SE-160-8	6mm	VAS-100-4
SE-160-9	6mm	TG-160-8
SE-175-6	7mm	TG-175-6/CS-175-6
SE-175-8	7mm	TG-175-8/CS-175-8

⚡ premium spatula • compound curve

code	length	ophthalmic
SE-CC-6	5mm	TG6-S

*Suggested

⊙ taper point • 1/2 circle

code	length	general surgery
GS-23	22mm	CT-3
HGS-23	22mm	MO-7
GS-22	27mm	CT-2
HGS-22	27mm	MO-6
GS-20	34mm	CT-1*
HGS-20	34mm	MO-5*
GS-21	37mm	CT-1
HGS-21	37mm	MO-4
GS-24	40mm	CT
HGS-24	40mm	MO-2
GS-25	48mm	CTX
GS-26	65mm	TP-1
GS-27	76mm	XLH

● blunt point • 3/8 circle

code	length	general surgery
BP-9	64mm	

● blunt point • 1/2 circle

code	length	general surgery
BGS-21	37mm	CTB-1
HBGS-21	37mm	MOB-4
BGS-24	40mm	CTB
BGS-25	48mm	CTX-B
BP-27	64mm	BP-1
BGS-29	65mm	BP-1
BGS-28	85mm	BP*

⊙ taper point • straight

code	length	general surgery
ST-4	19mm	ST-4
TS-3	36mm	
ST-1	51mm	ST
ST	60mm	

⊙ taper point • ski

code	length	general surgery
SK	23mm	

● new blunt taper point • 1/2 circle

code	length	general surgery
BTV-20†	26mm	SHB
BTP-1†	37mm	CTB-1
BTP-X†	48mm	CTX-B
GBST†	65mm	BP-1

⊕ diamond point • 3/8 circle

code	length	general surgery
KV-20	20mm	

⊕ diamond point • 1/2 circle

code	length	general surgery
KV-25	22mm	
KV-30	27mm	
KV-8	30mm	
KV-9	35mm	V-34

⊕ tapercutting • 1/2 circle

code	length	general surgery
KV-34	37mm	V-34
KV-37	40mm	V-37
KV-40	48mm	V-40
KV-56	60mm	V-56

*Suggested
†Not yet available

GENERAL SURGERY

Taper point, blunt point and blunt taper point needles for General, OB/GYN and Urologic surgical procedures.

Reverse cutting needles for muscle, fascia and skin closure applications.

CUTANEOUS



Specifically designed for Urologic applications, GU and HGU needles feature 5/8 circle curvature for closures in deep and confined areas of the human body.

ORTHOPEDIC

Reverse cutting, heavy body reverse cutting, and straight tapercutting needles for muscle, fascia, cartilage and skin closure applications.

▼ reverse cutting • 3/8 circle

code	length	cutaneous
C-1	12mm	C-2*
C-12	16mm	FS-3
C-13	19mm	FS-2
C-14	24mm	FS-1
C-15	26mm	FS
C-16	30mm	FSL
C-18	35mm	
C-17	39mm	FSLX*
C-50	50mm	LS-1*
GS-18	77mm	LR

⊙ taper point • 5/8 circle

code	length	urology
GU-46	27mm	UR-6
HGU-46	27mm	UR-6
GU-45	37mm	UR-5
GU-44	40mm	UR-4

▼ reverse cutting • 3/8 circle

code	length	orthopedic
GS-18	77mm	LR

▼ reverse cutting • 1/2 circle

code	length	cutaneous
C-21	13mm	M-1*
C-26	15mm	J-1*
C-22	18mm	J-1
C-27	20mm	
C-23	24mm	X-1*
C-25	30mm	CP-2*

▼ reverse cutting • 1/2 circle

code	length	orthopedic
GS-10	26mm	CP-2
HOS-10	26mm	OS-4*
GS-11	37mm	CP-1
HOS-11	37mm	OS-6
GS-12	40mm	CP
HOS-12	40mm	OS-8
GS-13	48mm	CPX
HOS-14	55mm	

















▲ cutting • straight

code	length	cutaneous
SC-11	11mm	SC-1*
SC-4	24mm	
SC	44mm	
SC-1	51mm	
SC-2	60mm	KS
SC-250	254mm	

⊙ tapercutting • straight

code	length	orthopedic
KS	24mm	

*Suggested

SYNETURE™ PRODUCT	MATERIAL	COMPETITOR
 POLYSORB™	Coated, Braided Synthetic Absorbable	VICRYL™ (Coated)
 DEXON™ II DEXON™ S	Coated and Uncoated Braided, Synthetic Absorbable	VICRYL™ (Coated)
 BIOSYN™	Monofilament Synthetic Absorbable	MONOCRYL™
 CAPROSYN™	Monofilament Synthetic Absorbable	MONOCRYL™/Gut
 MAXON™	Monofilament Synthetic Absorbable	PDS™ II
 Mild & Chromic Gut	Natural Absorbable Gut	Surgical Gut
 Plain Gut	Natural Absorbable Gut	Surgical Gut
 SURGIPRO™ II/SURGIPRO™	Nonabsorbable Monofilament Polypropylene	PROLENE™
 NOVAFIL™	Nonabsorbable Monofilament Polybutester	PROLENE™
 VASCUFIL™	Nonabsorbable Monofilament Polybutester with Polytribolate Absorbable Coating	PRONOVA™
 SURGIDAC™ TI•CRON™	Nonabsorbable Coated Braided Polyester	MERSILENE™ (Uncoated) ETHIBOND™ (Coated)
 MONOSOF™ DERMALON™	Nonabsorbable Monofilament Nylon	ETHILON™
 SURGILON™	Nonabsorbable Coated Braided Nylon	NUROLON™
 SOFSILK™	Nonabsorbable Coated Braided Silk	PERMA-HAND™ Silk (Coated)
 Steel	Nonabsorbable 316L Stainless Steel	Surgical Stainless Steel
 FLEXON™	Temporary Cardiac Pacing Wire	Surgical Stainless Steel

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