

Absorbable Surgical Suture

## **EGYCRYL**

- Polyglycolic co-lactide (PGLA)Synthetic
- Multifilament
- Dyed





#### 1) Description

- A sterile synthetic absorbable surgical suture obtained by linear polymerization of 90% glycolic acid and 10% lactic acid (Polyglycolic co-lactide 910)
- Braided multifilament, coated with equal combination of copolymer (glycolic acid and lactic acid) and calcium stearate
- · Inert, non-antigenic, and non-pyrogenic
- · Available dyed (violet) and undyed
  - -Dyed: D&C violet no. 2 (C.I.60725), FDA approved dye
  - -Undyed: milk white (beige) in color
- · Complies with all requirements of USP and EP
- Sterilized using Ethylene Oxide (EO)

#### 2) Indications

Indicated for use in general soft tissues approximation or ligation including ophthalmic surgery.

#### 3) Performance

Elicits a minimal tissue reaction and growth of fibrous connective tissue.

Absorption occurs by means of hydrolysis, where the copolymer degrades to glycolic and lactic acid which are subsequently absorbed and metabolized in the body.

Absorption begins with gradual loss of tensile strength followed by complete loss of mass.

<u>Breaking strength retention:</u> *In-vivo* test shows that EGYCRYL retain equals to an average of 75% of original tensile strength after 2 weeks from implantation.

Note: Complete absorption will essentially occur from 55 to 70 days. This is an average with respect to USP size difference.

### 4) State of Product & Way of Supply

- Sterile
- USP sizes ranging from 8/0 to 2 (metric sizes: 0.4 to 5)
- · In a variety of lengths with or without needles
- Dozen box

### Common surgical Indications:

Surgery	Needle size
GLAUCOMA/CATARACT	
STRABISMUS	
GLACOMA/CONJUNCTIVAL	From 6 mm to 10 mm
UROL/PAED	
DCR	
PLASTIC/SKIN/SUBCUTICULAR	
SKIN/SUBCUTICULAR	
ENT	5 12 16 -16
UROL/PAED	From 12 mm to 16 mm
UROL/PAED/G.I.	
ORAL/PLASTIC	
UROL/PAED/G.I.	
UROL	
ORAL/DENTAL	From 16mm to 20mm
PLASTIC/SKIN/SUBCUTICULAR	
SKIN/SUBCUTICULAR	
ORAL/DENTAL	
FASCIA	]
ORTHO	From 22mm to 26mm
G.I/PAED	1
OBS/GYN	
PLASTIC/SKIN/SUBCUTICULAR	
SKIN/SUBCUTICULAR	1
.G.I	
G.I/PAED	From 26mm to 35mm
OBS/GYN/FASCIA	
ORTHO	
SKIN	1
SKIN/SUBCUTICULAR	
OBS/GYN/FASCIA	
G.I/PAED	From 35mm to 40mm
GYN	
FASCIA/ORTHO	1
ORTHO/GYN	
G.I/FASCIA	
FASCIA/PERITONEUM	1
OBS/GYN/G.I.	From 40mm to 45mm
UROL	1
SKIN/SUBCUTICULAR	1
OBS/GYN/FASCIA	]
GYN	
FASCIA/PERITONEUM	1
FASCIA	1
SKIN/SUBCUTICULAR	From 45mm to 60mm
LIVER	1
G.I/FASCIA	1





Needle		T	hrea		
Needle Description length Shape	Symbol	Color	USP	length	Code
		Violet	2	1 x 150 cm	XD2200
			1	1 x 150 cm	XD2100
			0	1 x 150 cm	XD2000
			2/0	1 x 150 cm	XD2250
			3/0	1 x 150 cm	XD2300
			2	5 X 50 cm	SD2200
			1	5 X 50 cm	SD2100
Without Needle			0	5 X 50 cm	SD2000
			2/0	5 X 50 cm	SD2250
			3/0	5 X 50 cm	SD2300
			2	3 × 45 cm	CD2200
		_	1	3 × 45 cm	CD2100
		_	0	3 × 45 cm	CD2000
		•	2/0	3 × 45 cm	CD2250
			3/0	3 × 45 cm	CD2300

	Needle						d	Codo
Needle	Description		length/ Shape	Symbol	Color	USP	length	Code
					Violet	1	1X250 cm	KD2100
					_	0	1X250 cm	KD2000
					-	2/0	1X250 cm	KD2250
					-	4/0	1X150 cm	XD2400
					-	0	12X45cm	12CD2000
						2/0	12X45 cm	12CD2250
•	Without Nee	edle			-	3/0	12X45 cm	12CD2300
					-	2/0	10X45 cm	10CD2250
					-	1	6 X45 cm	6CD2100
						0	6 X45 cm	6CD2000
					_	2/0	6 X45 cm	6CD2250
					_	3/0	6 X45 cm	6CD2300
						4/0	6 X45 cm	6CD2400
Single	TP 1/2C		48 mm	$\bigcirc$	Violet	2	1 × 75 cm	MD2223
59.5	,	(			_	1	1 × 75 cm	MD2123
						0	1 × 75 cm	MD2023
			40 mm		Violet	2	1 × 75 cm	MD0001
Single	TP 1/2C	4	40 111111	$\cdot$	violet _	1	1 × 75 cm	MD2221 MD2122
				/	-	0	1 × 75 cm	MD2022
					_	2/0	1 × 75 cm	MD2274
Single	TP 1/2C	di .	36 mm	$(\cdot)$	Violet -	1	1 × 75 cm	MD2121
					-	0	1 × 75 cm	MD2021
						2/0	1 × 75 cm	MD2273
Single	TD 1/20		30 mm		Violet	1	1 × 75 cm	MD2120
Sirigie	TP 1/2C	e TP I/2C	$\overline{}$	-	0	1 × 75 cm	MD2020	
					-	2/0	1 × 75 cm	MD2271



	Needle					Thread			
Needle	Description	length/ Shape	Symbol	Color	USP	length	Code		
Single	TP 1/2C	26 mm	$\overline{}$	Violet	2/0	1 × 75 cm	MD2270		
					3/0	1 × 75 cm	MD2323		
Single	TP 1/2C	22 mm	$\overline{\bigcirc}$	Violet	2/0	1X75 cm	MD2270N		
3	,		$\bigcirc$	_	3/0	1 × 75 cm	MD2322		
					4/0	1 × 75 cm	MD2424		
Single	TP 1/2C	20mm	$\odot$	Violet	4/0	1 × 75 cm	MD2424N		
Single	TP 1/2C	19 mm	$\odot$	Violet	5/0	1 × 75 cm	MD2524		
Single	TP 1/2C	18 mm	$\odot$	Violet	3/0	1 × 75 cm	MD2320		
					4/0	1 × 75 cm	MD2423		
Single	TP 1/2C	16 mm	$\overline{}$	Violet	4/0	1 × 75 cm	MD2422		
				-	5/0	1 × 75 cm	MD2523		
					6/0	1 × 75 cm	MD2623		
Single	TP 1/2C		$\overline{}$	Violet	4/0	1 × 75 cm	MD2421		
3	,		$\bigcirc$	_	5/0	1 × 75 cm	MD2522		
					6/0	1 × 75 cm	MD2622		
Single	TP 3/8C	40 mm		Violet	1	1X90 cm	LD2112		
Single	TP 3/8C	16 mm	$\overline{(\cdot)}$	Violet	4/0	1 × 75 cm	MD2412		
3	•		$\bigcirc$	-	5/0	1 × 75 cm	MD2513		
					6/0	1 × 75 cm	MD2614		
Single	TP 3/8C	13 mm	$\overline{\bigcirc}$	Violet	5/0	1 × 75 cm	MD2512		
33.0	3,00		$\bigcirc$	-	6/0	1 × 75 cm	MD2612		

	Nec	edle	I	Thread			
Needle	Description	length/ Shape Symbo	l Color	USP	length	Code	
Single	RC 1/2C	48 mm	Violet	2	1 × 75 cm	MD2229	
				1	1 × 75 cm	MD2129	
				0	1 × 75 cm	MD2029	
Single	RC 1/2C	40 mm	Violet	2	1 × 75 cm	MD2228	
on igio	KO 1, 20		•	1	1 × 75 cm	MD2128	
			·	0	1 × 75 cm	MD2028	
				2/0	1 × 75 cm	MD2279N	
Single	RC 1/2C	36 mm	Violet	2/0	1 × 75 cm	MD2279	
Single	RC 1/2C	26 mm	Violet .	2/0	1 × 75 cm	MD2278	
				-,			
Single	RC 1/2C	22 mm	Violet	4/0	1 × 75 cm	MD2428	
Single	RC 3/8C	36 mm	Violet	2/0	1 × 75 cm	MD2268	
Single	RC 3/8C	30 mm	Violet	2/0	1 × 75 cm	MD2267	
		V		3/0	1 × 75 cm	MD2319N	
Single	RC 3/8C	26 mm	Violet	2/0	1 × 75 cm	MD2266	
Single	KC 3/0C			3/0	1 × 75 cm	MD2318	



	Nee	edle		T	d	Codo		
Needle	Description	length/ Shape	Symbol	Color USP		length	Code	
Single	RC 3/8C	22 mm		Violet	3/0	1 × 75 cm	MD2317	
				_	4/0	1 × 75 cm	MD2419	
Single	RC 3/8C	19 mm		Violet	3/0	1 × 75 cm	MD2316	
	•				4/0	1 × 75 cm	MD2418	
Single	RC 3/8C	16 mm		Violet	4/0	1 × 90 cm	LD2417	
3			V	_	5/0	1 × 75 cm	MD2519	
					6/0	1 × 75 cm	MD2618	
Single	RC 3/8C	12 mm		Violet	5/0	1 × 75 cm	MD2518	
					6/0	1 × 75 cm	MD2617	
Single	TC 1/2C	45 mm		Violet	1	1 × 75 cm	MD2127	
					0	1 × 75 cm	MD2027	
Single	TC 1/2C	35 mm	$\Box$	Violet	1	1 × 75 cm	MD2126	
Sirigie	10 1/20	1	$\Diamond$	-	0	1 × 75 cm	MD2026	
				_	2/0	1 × 75 cm	MD2277	
Single	TC 1/2C	25 mm	$\bigcirc$	Violet	2/0	1 × 75 cm	MD2276	
					3/0	1 × 75 cm	MD2327	
Single	TC 1/2C	19mm	$\bigcirc$	Violet	4/0	1 × 75 cm	MD2429N	
Single	SC 0C	60 mm		Violet	2/0	1 × 75 cm	MD2256	
			= <b>V</b>		3/0	1 × 75 cm	MD2307	
Single	SC 0C			Violet	4/0	1 × 75 cm	MD2407	
Sirigie	30 00	50 mm	V	-	5/0	1 × 75 cm	MD2507	

Nee	edle	Т	Code			
Needle Description	length/ Shape	Symbol	Color	USP	length	Code
Single TC J	30 mm	<b>(</b>	Violet	1	1X75 cm	MD2146
Single TP 1/2C Heavy	48 mm		Violet	2	1 × 75 cm	MD2224
Single TP 1/2C Heavy	40 mm	$\bigcirc$	Violet	2	1 × 75 cm	MD2222
Single TC 1/2C Heavy	45 mm		Violet	2	1 × 75 cm	MD2227
Single TC 1/2C Heavy	35 mm		Violet	2	1 × 75 cm	MD2226
Single BL 1/2C Heavy	45 mm		Violet	1	1 × 75 cm	MD2125BL
Single BL 1/2C Heavy	40 mm		Violet	0	1 × 75 cm	MD2025BL



	NG	edle	T	Code			
Needle	Description	length/ Shape	Symbol	Color	USP	length	Code
Single	BL 1/2C	35 mm	•	Violet	1	1 × 75 cm	MD2124BL
	eavy ,		$\bigcirc$	_	0	1 × 75 cm	MD2024BL
				_	2/0	1 × 75 cm	MD2275BL
					3/0	1 × 75 cm	MD2325BL
Single P N	RC 3/8C	26 mm		Violet	3/0	1 × 75 cm	MD2319PN
Single	RC 3/8C	22 mm		Violet	3/0	1 × 75 cm	MD2317PN
	eedle					_	
Single P N	RC 3/8C eedle	19mm		Violet	4/0	1 × 45 cm	CD2418PN
Single P N	RC 3/8C eedle	16 mm		Violet	4/0	1 × 75 cm	MD2417PN
Single C.V	TC 1/2C	25 mm	Y	Violet	3/0	1 × 75 cm	MD2328CC
Single	TC 1/2C	20 mm	Y	Violet	3/0	1 × 75 cm	MD2326CC
C.V	Needle						
Single C.V	TC 3/8C Needle	16 mm	Y	Violet	4/0	1 × 75 cm	MD2416CC
Single	TC 3/8C	13 mm	Y	Violet	5/0	1 × 75 cm	MD2517CC

		Nee	dle		Т	hrea	d	Ocalo
Needle	Descr	ription	length/ Shape	Symbol	Color	USP	length	Code
Double	TP	1/2C	30 mm	> 00	Violet	2/0	1 × 75 cm	MD2272
Double	TP	1/2C	18 mm	00	Violet	3/0	1 × 75 cm	MD2321
Double	TP	1/2C	16 mm	00	Violet	6/0	1 × 75 cm	MD2624
Double	TP	3/8C	16 mm	00	Violet -	4/0 6/0	1 × 75 cm 1 × 75 cm	MD2413 MD2613
Double	TP	3/8C	13 mm	00	Violet	6/0	1 × 75 cm	MD2611
Double Spo	SP atula	1/2C	- 8mm	$\square$	Violet	6/0	1X45 cm	CD2626SP
Double Spo	SP atula	3/8C	6.5mm 		Violet	7/0	1X45 cm	CD2716SP
Double	SP atula	1/4C	8 mm		Violet	6/0	1 × 45 cm	CD2636SP





Absorbable Surgical Suture

# **EGYCRYL**

- Polyglycolic co-lactide (PGLA)
- Synthetic
- Multifilament
- Undyed









		Nee	dle		1	hrea	d	Code
Needle	e Desc	ription	length/ Shape	Symbol	Color	USP	length	Code
Single	RC	1/2C	36 mm	$\bigvee$	Undyed	2/0	1 × 75 cm	MU2279
						,		
Single	RC	1/2C	30 mm	$\bigvee$	Undyed	2/0	1 × 75 cm	MU2277
Single	RC	1/2C	26 mm	$\bigvee$	Undyed	2/0	1 × 75 cm	MU2278

		Nee	edle		T	hread	d	Ocalo
Needle	e Desc	cription	length/ Shape	Symbol	Color	USP	length	Code
Single	RC	3/8C	36 mm		Undyed	2/0	1 × 75 cm	MU2268
Single	RC	3/8C	30 mm	$\bigvee$	Undyed	2/0	1 × 75 cm	MU2267
Single	RC	3/8C	26 mm	$\bigvee$	Undyed	2/0 3/0	1 × 75 cm 1 × 75 cm	MU2266 MU2318
Single	RC	3/8C	22 mm	$\bigvee$	Undyed	3/0 4/0	1 × 75 cm 1 × 75 cm	MU2317 MU2419
Single	RC	3/8C	19 mm	$\bigvee$	Undyed	3/0 4/0	1 × 75 cm 1 × 75 cm	MU2316 MU2418
Single	RC	3/8C	16 mm	$\bigvee$	Undyed	4/0 5/0 6/0	1 × 75 cm 1 × 75 cm 1 × 75 cm	MU2417 MU2519 MU2618
Single	RC	3/8C	12 mm	$\bigvee$	Undyed	5/0 6/0	1 × 75 cm 1 × 75 cm	MU2518 MU2617
Single	S	SC 0C	60 mm		Violet -	2/0 3/0	1 × 75 cm 1 × 75 cm	MU2256 MU2307
Single P N	RC leedle	3/8C e	36 mm		Undyed	2/0	1 × 75 cm	MU2268PN
Single	RC leedle	3/8C e	26 mm		Undyed	2/0	1 × 75 cm	MU2266PN



Needle		T	Codo			
Needle Description	length/ Shape	Symbol	Color	USP	length	Code
Single RC 3/8C	19 mm		Undyed	3/0	1 × 75 cm	MU2316PN
P Needle				4/0	1 × 75 cm	MU2418PN
Single RC 3/8C	12 mm		Undyed	5/0	1 × 75 cm	MU2518PN
P Needle						
					,	
Double SP 3/8C	10 mm	$\nabla$	Undyed _	5/0	1 × 45 cm	CU2516SP
Spatula				6/0	1 × 45 cm	CU2616SP