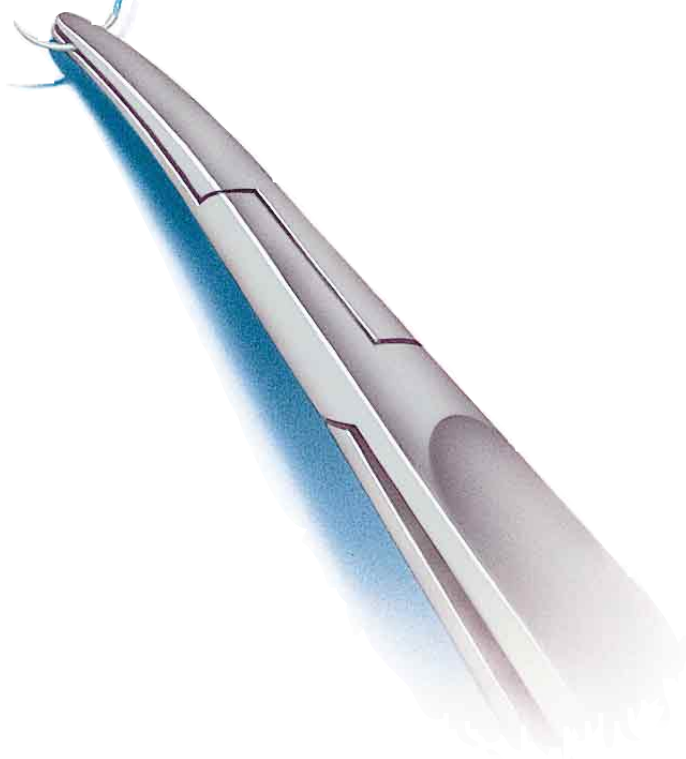


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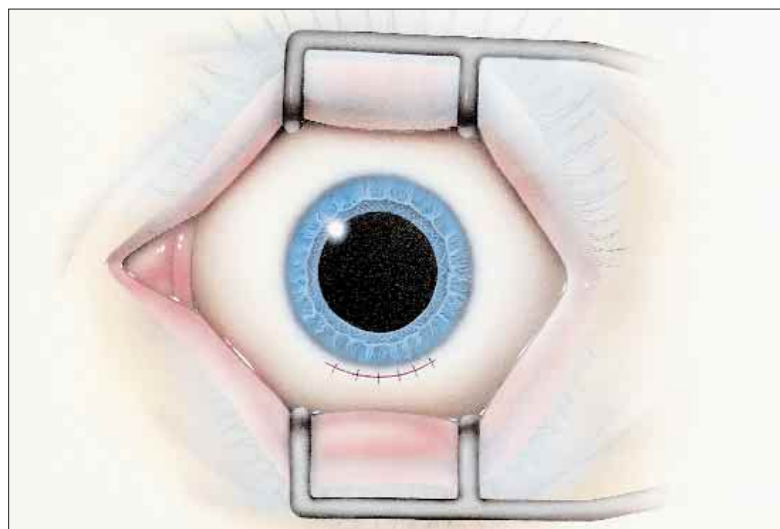
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C-Series Needles Nylon 11-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
		CU-5	1/2	.15	5.51	Black	Monofil	Double	15	6	192601
		CU-15	1/2	.10	5.51	Black	Monofil	Double	30	12	201201

N-Series Needles Nylon 10-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
		NU-1	3/8	.15	6.19	Black	Monofil	Double	30	12	711701
		NU-5	1/2	.15	5.51	Black	Monofil	Double	15	6	712001
		NU-5	1/2	.15	5.51	Black	Monofil	Single	15	6	712201
		NU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	712101
		NUM-5	1/2	.15	4.22	Black	Monofil	Single	8	3	712301
		NU-31	1/4	.15	4.75	Black	Monofil	Single	8	3	711501
		NU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	20	8	712601
		NU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	30	12	712701

S-Series Needles Nylon 10-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
		SU-1	3/8	.15	6.19	Black	Monofil	Double	30	12	218601
		SU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	218101
		SU-3	1/8	.15	6.25	Black	Monofil	Single	8	3	218401

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A-Series Needles Nylon 10-0



		Needle			Color	Suture		Suture Length		Product Number 8065-	
		Type	Circle	Wire (mm)		Length (mm)	Form	Armed	cm		Inches
	)	AU-1	3/8	.15	6.19	Black	Monofil	Single	15	6	710401
	)	AU-1	3/8	.15	6.19	Black	Monofil	Double	15	6	698501
	)	AU-1	3/8	.15	6.19	Black	Monofil	Double	30	12	698001
	)	AU-5	1/2	.15	5.51	Black	Monofil	Single	15	6	710001
	)	AU-5	1/2	.15	5.51	Black	Monofil	Double	15	6	692001
	)	AU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	692101
	)	AU-6	Bi-Curve	.15	6.17	Black	Monofil	Double	30	12	706001
	)	AU-8	Bi-Curve	.15	4.83	Black	Monofil	Single	15	6	710201
	)	AU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	20	8	702001
	)	AU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	30	12	702101
	)	AU-15	1/2	.10	5.51	Black	Monofil	Double	30	12	701001
	)	A-3	3/8	.20	6.55	Black	Monofil	Double	30	12	693001
	)	A-5	1/2	.20	5.51	Black	Monofil	Double	30	12	696101
	)	AUM-5	1/2	.15	4.22	Black	Monofil	Double	20	8	692801
	)	AUM-15	1/2	.10	4.22	Black	Monofil	Double	30	12	701701

C-Series Needles Nylon 10-0



		Needle			Color	Suture		Suture Length		Product Number 8065-	
		Type	Circle	Wire (mm)		Length (mm)	Form	Armed	cm		Inches
	)	CU-1	3/8	.15	6.19	Black	Monofil	Single	30	12	208001
	)	CU-1	3/8	.15	6.19	Black	Monofil	Double	30	12	198001
	)	CU-1	3/8	.15	6.19	Black	Monofil	Double	15	6	198501
	)	CU-2	1/2	.15	6.98	Black	Monofil	Double	30	12	198201
	)	CU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	192101
	)	CU-5	1/2	.15	5.51	Black	Monofil	Double	15	6	192001
)	CU-5C*	1/2	.15	5.51	Black	Monofil	Double	30	12	222101
)	CU-6	Bi-Curve	.15	6.17	Black	Monofil	Double	30	12	206001

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*Needle has calibration marks

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C-Series Needles Nylon 10-0 (continued)



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	CU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	20	8	202001
	)	CU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	30	12	202101
	)	CU-11	3/8	.10	6.19	Black	Monofil	Double	30	12	199001
	)	CU-15	1/2	.10	5.51	Black	Monofil	Double	30	12	201001
	)	CUM-5	1/2	.15	4.22	Black	Monofil	Double	20	8	192801
	)	CUM-15	1/2	.10	4.22	Black	Monofil	Double	30	12	201701
	)	C-3	3/8	.20	6.55	Black	Monofil	Double	30	12	193001
	)	C-3	3/8	.20	6.55	Black	Monofil	Double	15	6	193201
	)	C-3	3/8	.20	6.55	Black	Monofil	Single	30	12	208101
	)	C-4	1/2	.20	7.13	Black	Monofil	Double	30	12	194201
	)	C-5	1/2	.20	5.51	Black	Monofil	Double	15	6	196001
	)	C-5	1/2	.20	5.51	Black	Monofil	Double	30	12	196101
	)	C-8	Bi-Curve	.20	4.83	Black	Monofil	Double	20	8	204001

S-Series Needle Nylon 9-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	SU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	218501

A-Series Needles Nylon 9-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	AU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	692201
)	AU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	30	12	702401
)	A-3	3/8	.20	6.55	Black	Monofil	Double	30	12	693101

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C-Series Needles Nylon 9-0

	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	CU-1	3/8	.15	6.19	Black	Monofil	Double	30	12	198101
	)	CU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	192201
	)	CU-8	Bi-Curve	.15	4.83	Black	Monofil	Double	30	12	202401
 )	C-3	3/8	.20	6.55	Black	Monofil	Double	30	12	193101
)	C-5	1/2	.20	5.51	Black	Monofil	Double	30	12	196201

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A-Series Needle Nylon 8-0

	Type	Circle	Wire (mm)	Length (mm)	Color	Suture Form	Armed	Suture Length cm	Suture Length Inches	Product Number	
)	AU-5	1/2	.15	5.51	Black	Monofil	Double	30	12	691901





C-Series Needle Nylon 8-0

	Type	Circle	Wire (mm)	Length (mm)	Color	Suture Form	Armed	Suture Length cm	Suture Length Inches	Product Number	
 )	C-4	1/2	.20	7.13	Black	Monofil	Double	30	12	194101


B-Series Needle Nylon 6-0

	Type	Circle	Wire (mm)	Length (mm)	Color	Suture Form	Armed	Suture Length cm	Suture Length Inches	Product Number	
)	B0-1	3/8	.33	11.04	Black	Monofil	Single	45	18	194501

R-Series Needles Nylon 5-0

	Type	Circle	Wire (mm)	Length (mm)	Color	Suture Form	Armed	Suture Length cm	Suture Length Inches	Product Number	
	)	R-1	1/4	.35	7.92	Black	Monofil	Double	45	18	211501
	)	R-3	1/2	.35	7.92	Black	Monofil	Double	45	18	213501
	)	R-5	1/4	.28	6.10	Black	Monofil	Double	45	18	215501

T-Series Needle Nylon 5-0

	Type	Circle	Wire (mm)	Length (mm)	Color	Suture Form	Armed	Suture Length cm	Suture Length Inches	Product Number	
)	T-5	1/4	.30	6.10	Black	Monofil	Double	30	12	188811

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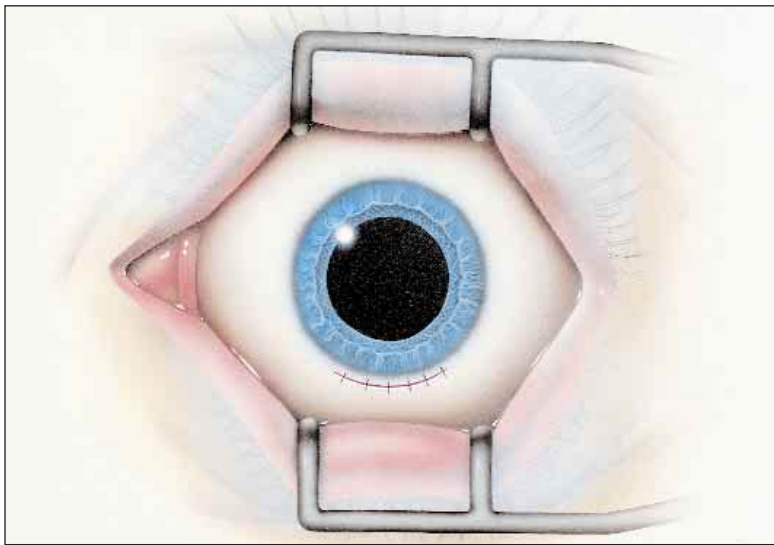
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A-Series Needles Silk 9-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) AU-1	3/8	.15	6.19	Blue	Twisted	Double	45	18	698601
	) A-3	3/8	.20	6.55	Blue	Twisted	Double	45	18	703901

C-Series Needles Silk 9-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) CU-1	3/8	.15	6.19	Blue	Twisted	Double	45	18	198601
	) C-3	3/8	.20	6.55	White	Twisted	Double	30	12	193701
	) CU-5	1/2	.15	5.51	Black	Twisted	Double	30	12	192401

A-Series Needles Silk 8-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
) AU-1	3/8	.15	6.19	Blue	Twisted	Double	45	18	698701
) A-3	3/8	.20	6.55	Blue	Twisted	Double	45	18	703801

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C-Series Needles Silk 8-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	CU-1	3/8	.15	6.19	Blue	Twisted	Double	45	18	198701
	)	C-3	3/8	.20	6.55	Black	Braided	Double	30	12	193401
	)	C-3	3/8	.20	6.55	Black	Braided	Double	45	18	193501
	)	C-3	3/8	.20	6.55	Black	Braided	Double	15	6	203401
	)	C-3	3/8	.20	6.55	Blue	Twisted	Double	45	18	203801
	)	C-3	3/8	.20	6.55	White	Braided	Double	30	12	193301
	)	C-5	1/2	.20	5.51	Black	Braided	Double	30	12	196301

C-Series Needle Silk 7-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	C-3	3/8	.20	6.55	Black	Braided	Double	45	18	193601

B-Series Needles Silk 7-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	B-1	1/4	.20	7.92	Black	Braided	Double	45	18	195501
	)	B-2	1/2	.20	7.92	Black	Braided	Double	45	18	197001

C-Series Needle Silk 6-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	C-3	3/8	.20	6.55	Black	Braided	Double	45	18	205301

B-Series Needles Silk 6-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	B-1	1/4	.20	7.92	Black	Braided	Double	45	18	195601
)	B-2	1/2	.20	7.92	Black	Braided	Double	45	18	197101
)	B0-1	3/8	.33	11.04	Black	Braided	Double	45	18	186001

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P-Series Needle Silk 6-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) P-1	3/8	.30	12.32	Black	Braided	Single	45	18	184001

PC-Series Needle (Rectus Fixation) Silk 6-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) PC-1	3/8	.35	13.99	Black	Braided	Single	45	18	184801

P-Series Needles Silk 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
) P-5	3/8	.42	12.32	Black	Braided	Single	30	12	184501
) P-5	3/8	.42	12.32	Black	Braided	Double	45	18	184601

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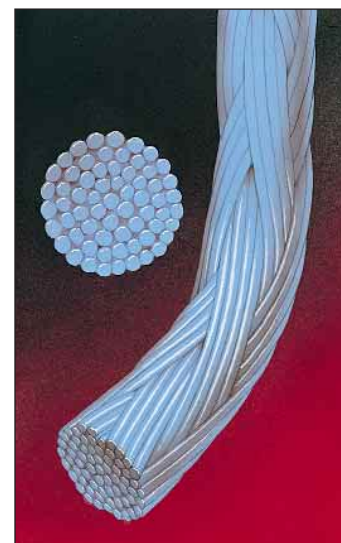
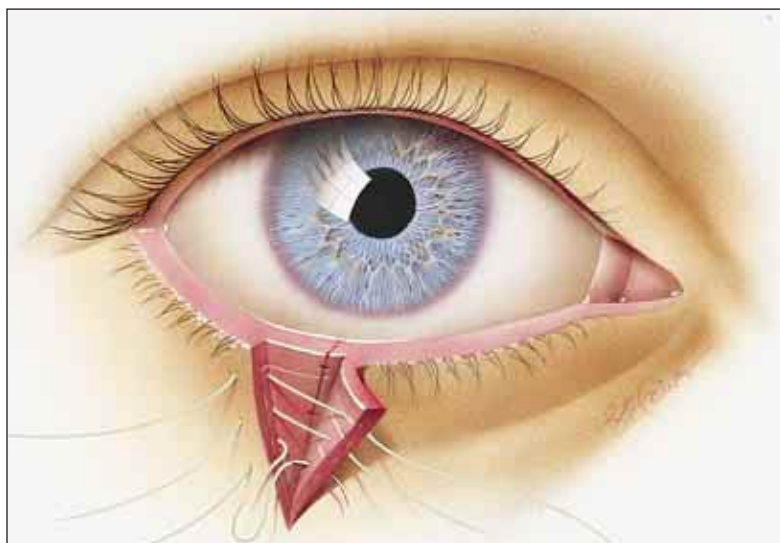
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R-Series Needles Silk 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	R-1	1/4	.35	7.92	White	Braided	Double	45	18	211701
	)	R-1	1/4	.35	7.92	White	Braided	Single	45	18	211801
	)	R-7	1/4	.40	6.55	White	Braided	Double	45	18	217701
	)	R-7	1/4	.40	6.55	White	Braided	Double	25	10	217801

B-Series Needles Silk 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	B0-2	3/8	.43	13.07	Black	Braided	Double	45	18	187501
	)	B0-2	3/8	.43	13.07	Black	Braided	Single	45	18	187601

PC-Series Needles (Rectus Fixation) Silk 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number	
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	PC-5	3/8	.42	13.99	Black	Braided	Single	45	18	184701
)	PC-5	3/8	.42	13.99	Black	Braided	Single	75	30	184901

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Sutures

Polyester Monofilament

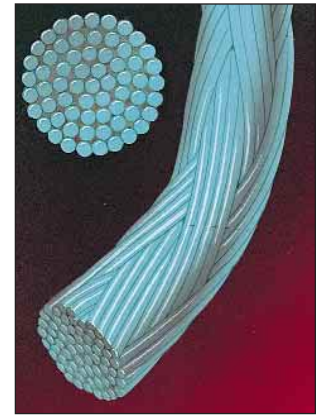
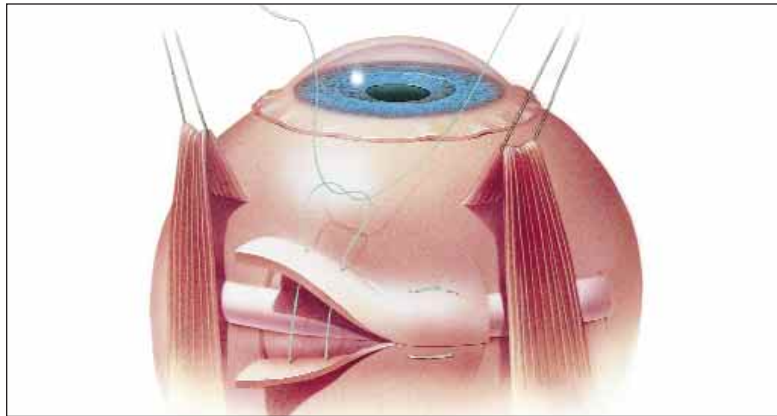


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R-Series Needles Polyester Braided 5-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) R-1	1/4	.35	7.92	White	Braided	Double	45	18	211101
	) R-1	1/4	.35	7.92	Green	Braided	Double	45	18	211201
	) R-2	1/4	.45	7.92	White	Braided	Double	45	18	212101
	) R-3	1/2	.35	7.92	White	Braided	Double	45	18	213101
	) R-3	1/2	.35	7.92	Green	Braided	Double	45	18	213201
	) R-5	1/4	.28	6.10	White	Braided	Double	45	18	215101
	) R-5	1/4	.28	6.10	Green	Braided	Double	45	18	215201

T-Series Needles Polyester Braided 5-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) T-1	1/4	.33	7.92	White	Braided	Double	45	18	189511
	) T-1	1/4	.33	7.92	Green	Braided	Double	45	18	189611
	) T-3	1/2	.35	7.92	White	Braided	Double	45	18	185111
	) T-5	1/4	.30	6.10	White	Braided	Double	30	12	188711

R-Series Needle Polyester Braided 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) R-2	1/4	.45	7.92	Green	Braided	Double	45	18	212301

T-Series Needles Polyester Braided 4-0



	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
) T-2	1/4	.45	7.92	White	Braided	Double	45	18	189411

Sutures

Polyester Monofilament



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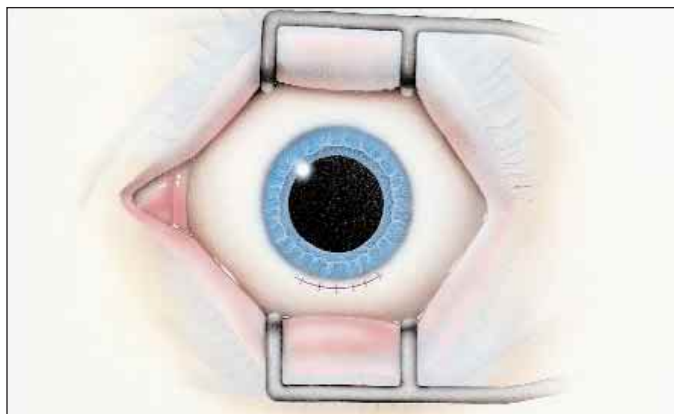
Anterior Segment Surgery

Cataract
Glaucoma
IOL Sulcus Fixation
[Posterior Segment Surgery](#)

Polyester
[Braided](#)
Monofilament

[Nylon](#)
[Polypropylene](#)
[BIOSORB](#)[®] [Coated](#)

[Silk](#)
[BIOSORB](#)[®]
[PAIR PAK](#)[®]



A-Series Needles Polyester Monofilament 11-0



Type	Needle			Color	Suture Form	Armed	Suture Length		Product Number
	Circle	Wire (mm)	Length (mm)				cm	Inches	



)	AU-18	Bi-Curve	.10	4.83	Green	Monofil	Double	30	12	223901
---	--------------	----------	-----	------	-------	---------	--------	----	----	--------

A-Series Needle Polyester Monofilament 10-0



Type	Needle			Color	Suture Form	Armed	Suture Length		Product Number
	Circle	Wire (mm)	Length (mm)				cm	Inches	



)	AU-18	Bi-Curve	.10	4.83	Green	Monofil	Double	30	12	223801
---	--------------	----------	-----	------	-------	---------	--------	----	----	--------

S-Series Needle Polyester Monofilament 10-0



Type	Needle			Color	Suture Form	Armed	Suture Length		Product Number
	Circle	Wire (mm)	Length (mm)				cm	Inches	



)	SU-5	1/2	.15	5.51	Green	Monofil	Double	30	12	223101
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Available in the US

Available Internationally

Sutures

Polypropylene

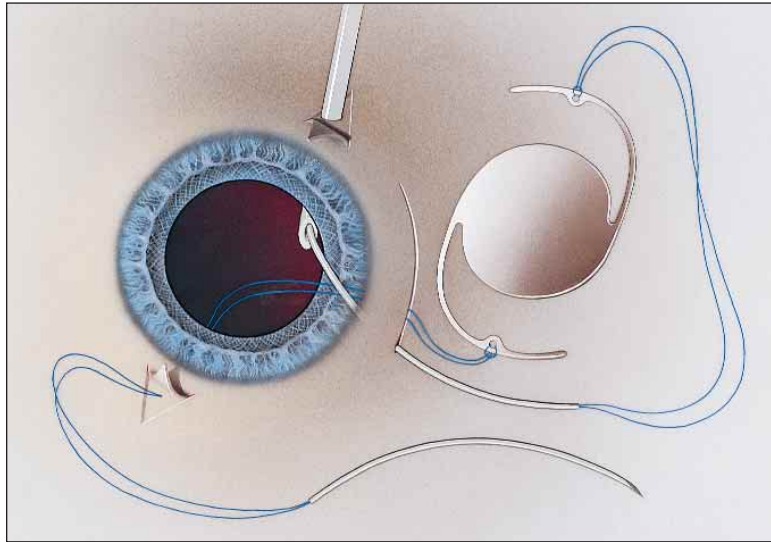


Anterior Segment Surgery
Cataract
Glaucoma
IOL Sulcus Fixation




Polypropylene
10-0

Nylon
Polyester
BIOSORB[®] Coated



Silk
BIOSORB[®]
PAIR PAK[®]




A-Series Needles Polypropylene 10-0 

	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) AU-1	3/8	.15	6.19	Blue	Monofil	Double	30	12	306401
	) AU-5	1/2	.15	5.51	Blue	Monofil	Double	30	12	306701
	) AU-5	1/2	.15	5.51	Blue	Monofil	Double	15	6	306801

PC-Series Needles Polypropylene 10-0 

	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) PC-7	1/4	.23	13.34	Blue	Monofil	Double	20	8	307601
	) PC-9	1/4	.23	15.30	Blue	Monofil	Looped	20	8	307901

SC-Series Needles (IOL Sulcus Fixation) Polypropylene 10-0

	Type	Needle			Color	Suture		Suture Length		Product Number
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	— SC-5	Straight	.15	16.15	Blue	Monofil	Double	20	8	308001

Sutures



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Anterior Segment Surgery

Cataract
Glaucoma

BIOSORB®

10-0 8-0

7-0 6-0

Nylon

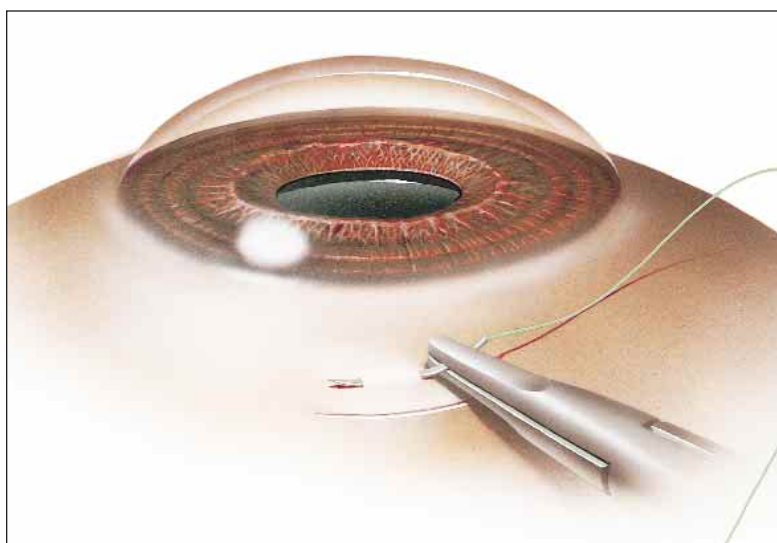
Polyester

BIOSORB® Coated

Silk

Polypropylene

PAIR PAK®



N-Series Needle BIOSORB® 10-0



	Needle				Color	Suture		Suture Length		Product Number	
	Type	Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	NU-5	1/2	.15	5.51	Green	Monofil	Single	8	3	863601

S-Series Needles BIOSORB® 10-0



	Needle				Color	Suture		Suture Length		Product Number	
	Type	Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	SU-3	1/8	.15	6.25	Green	Monofil	Single	8	3	862401
	)	SU-19	3/8	.10	5.51	Green	Monofil	Single	8	3	863401

C-Series Needles BIOSORB® 10-0



	Needle				Color	Suture		Suture Length		Product Number	
	Type	Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
	)	CU-1	3/8	.15	6.19	Green	Monofil	Single	15	6	864301
	)	CU-5	1/2	.15	5.51	Green	Monofil	Double	20	8	862301
	)	CU-5	1/2	.15	5.51	Green	Monofil	Single	8	3	863501

P-Series Needle BIOSORB® 10-0



	Needle				Color	Suture		Suture Length		Product Number	
	Type	Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches		
)	P-3	1/4	.10	4.24	Green	Monofil	Double	13	5	863001

Available in the US

Available Internationally

Sutures

BIOSORB®



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Anterior Segment Surgery

Cataract
Glaucoma
Oculoplastic

BIOSORB®

10-0 8-0
7-0 6-0

Nylon

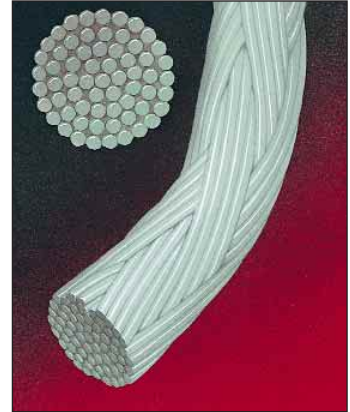
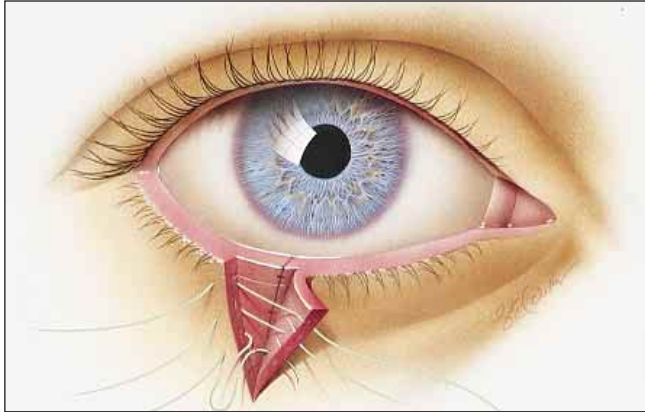
Polyester

BIOSORB® Coated

Silk

Polypropylene

PAIR PAK®



C-Series Needles BIOSORB® 8-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) C-3	3/8	.23	6.55	Green	Braided	Double	20	8	861601
	) C-3	3/8	.23	6.55	Green	Braided	Double	30	12	861501
	) CU-1	3/8	.15	6.19	Green	Braided	Double	30	12	862201

P-Series Needle BIOSORB® 8-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) P-6	3/8	.15	6.19	Green	Braided	Single	8	3	864001

C-Series Needles BIOSORB® 7-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) C-5	1/2	.20	5.51	Green	Braided	Double	45	18	861801
	) C-5	1/2	.20	5.51	Green	Braided	Double	30	12	861901
	) C-3	3/8	.23	6.55	Green	Braided	Double	20	8	861701

B-Series Needles BIOSORB® 6-0 & 7-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) B-3	1/4	.23	5.58	Green	Braided	Double	45	18	862701
	) B0-1	3/8	.35	11.04	Green	Braided	Single	45	18	864101

C-Series Needle BIOSORB® 6-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) C-6	1/4	.23	6.55	Green	Braided	Double	30	12	863301

I-Series Needles BIOSORB® 6-0

	Type	Needle			Color	Suture		Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		Form	Armed	cm	Inches	
	) I-2	1/4	.23	7.62	Green	Braided	Double	30	12	864501
	) I-4	1/4	.23	8.13	Green	Braided	Double	38	15	864601

Available in the US

Available Internationally

Sutures

BioSORB[®] Coated



Alcon[®]
LABORATORIES

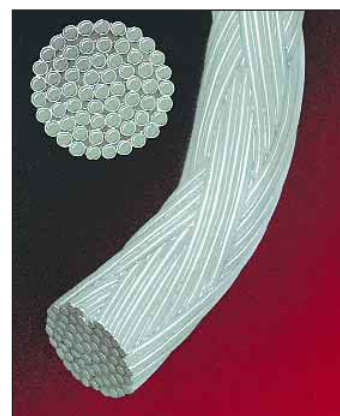
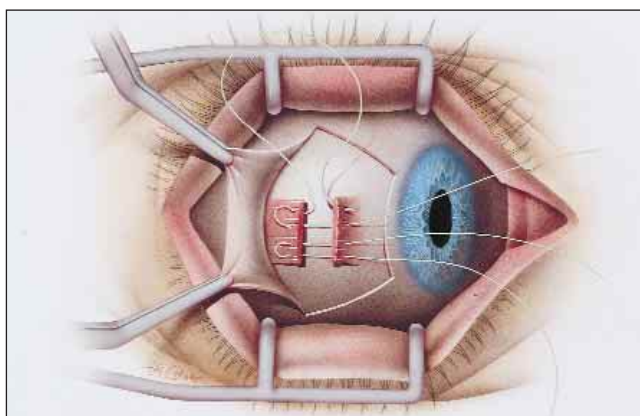
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Anterior Segment Surgery
Strabismus
Posterior Segment Surgery
Vitreoretinal

BioSORB[®] Coated
6-0 5-0

Nylon
Polyester
BioSORB[®]

Silk
Polypropylene
PAIR PAK[®]



C-Series Needle BioSORB[®] C 6-0



	Needle				Suture			Suture Length		Product Number 8065-
	Type	Circle	Wire (mm)	Length (mm)	Color	Form	Armed	cm	Inches	
	) C-6	1/4	.23	6.55	Green	Braided C	Double	45	18	862801

I-Series Needles BioSORB[®] C 6-0



	Needle				Suture			Suture Length		Product Number 8065-
	Type	Circle	Wire (mm)	Length (mm)	Color	Form	Armed	cm	Inches	
	) I-2	1/4	.20	7.62	Green	Braided C	Double	30	12	862101
	) I-2	1/4	.20	7.62	Green	Braided C	Double	45	18	863101
	) I-2	1/4	.20	7.62	Green	Braided C	Double	20	8	864401
	) I-3	1/2	.20	7.62	Green	Braided C	Double	45	18	863201
	) I-4	1/4	.23	8.13	Green	Braided C	Double	38	15	864701

R-Series Needles BioSORB[®] C 6-0



	Needle				Suture			Suture Length		Product Number 8065-
	Type	Circle	Wire (mm)	Length (mm)	Color	Form	Armed	cm	Inches	
	) R-1	1/4	.35	7.92	Green	Braided C	Double	20	8	862001**
	) R-4	1/4	.35	8.53	Green	Braided C	Double	45	18	862501**

R-Series Needles BioSORB[®] C 5-0



	Needle				Suture			Suture Length		Product Number 8065-
	Type	Circle	Wire (mm)	Length (mm)	Color	Form	Armed	cm	Inches	
	) R-1	1/4	.35	7.92	Green	Braided C	Double	45	18	862901**
	) R-4	1/4	.35	8.53	Green	Braided C	Double	45	18	862601**

Available in the US

Available Internationally

BioSORB[®] C is coated with Polycaprolate[®] for smooth passage through tissue. Polycaprolate is a registered trademark of American Cyanamid Company.
** References for Anterior or Posterior Segment surgeries.

PAIR PAK®

[Nylon](#)
[Polyester](#)
[BIOSORB®](#)

[Silk](#)
[Polypropylene](#)
[BIOSORB® Coated](#)

PAIR PAK® (Nylon and Polypropylene)

	Type	Needle			Suture Material	Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		cm	Inches	
	) AU-8	Bi-Curve	.15	4.83	Nylon 10-0	10	12	304701
	) AU-31	1/4	.15	4.75	Nylon 10-0	10	4	
	) AUM-5	1/2	.15	4.22	Polypropylene 10-0	20	8	304901
	| SC-5	Straight	.15	16.00	Polypropylene 10-0	20	8	
	) AUM-5	1/2	.15	4.22	Polypropylene 10-0	10	4	306901
	| C-3	Straight	.15	16.00	Polypropylene 10-0	10	4	

PAIR-PAK II® (Nylon and Silk)

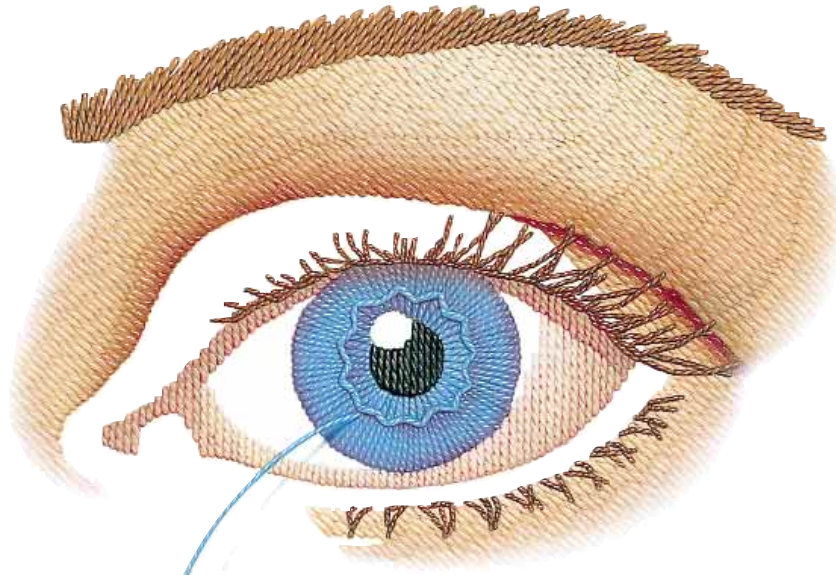
Each PAIR-PAK II Contains Two Needles:

One PC-5 Needle Armed with a 4-0 Black Braided Silk

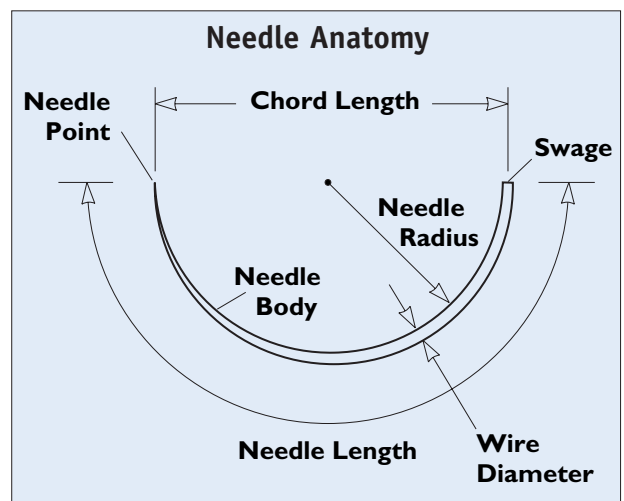
One Corneal Needle Armed with a 10-0 Black Monofilament Nylon

	Type	Needle			Suture Material	Suture Length		Product Number 8065-
		Circle	Wire (mm)	Length (mm)		cm	Inches	
	) SU-5	1/2	.15	5.51	Nylon 9-0	30	12	214001
	) PC-5	3/8	.42	13.99	Black Silk 4-0	45	18	
	) SU-1	3/8	.15	6.19	Nylon 10-0	20	8	214201
	) PC-5	3/8	.42	13.99	Black Silk 4-0	30	12	
	) PC-1	3/8	.35	13.99	Black Silk 7-0	45	18	305001
	) C-3	3/8	.20	6.55	Black Silk 7-0	45	18	
	) AU-5	1/2	.15	5.51	Nylon 10-0	20	8	305101
	) PC-5	3/8	.42	13.99	Black Silk 4-0	30	12	
	) AU-1	3/8	.15	6.19	Nylon 10-0	20	8	305201
	) PC-5	3/8	.42	13.99	Black Silk 4-0	30	12	
	) AU-8	Bi-Curve	.15	4.83	Nylon 10-0	20	8	305301
	) PC-5	3/8	.42	13.99	Black Silk 4-0	30	12	
	) A-3	3/8	.20	6.55	Nylon 10-0	20	8	305401
	) PC-5	3/8	.42	13.99	Black Silk 4-0	30	12	
	) AU-5	1/2	.15	5.51	Nylon 10-0	20	8	305701
	) PC-1	3/8	.35	13.99	Black Silk 6-0	45	18	
	) CU-1	3/8	.15	6.19	Nylon 10-0	30	12	307201
	) PC-5	3/8	.42	13.99	Black Silk 4-0	75	30	

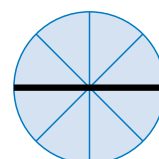
Needle Anatomy



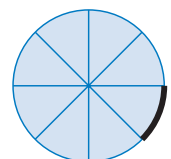
1. **Swage:** Connection point of the suture and the needle. Little teeth grip the suture material and prevent it from slipping out.
2. **Wire Diameter:** Gauge or thickness of the needle wire originally used to form the needle body.
3. **Needle Length:** Distance measured along the circumference of the needle, from the point to the swage.
4. **Radius:** Distance from the center of an imaginary circle that would be formed by the needle if it were round. The radius is measured to the middle of the needle wire.
5. **Chord Length:** Straight line distance from the point of a curved needle to the swage.
6. **Point:** The sharpened part of the needle that first penetrates the tissue.
7. **Needle Shapes:** Different surgeries or surgical techniques demand different needle shapes. Needles are available in the following shapes: straight, 1/8, 1/4, 3/8, and 1/2 circle and also in various bi-curve shapes.



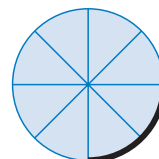
Needle Shapes



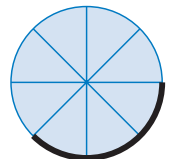
Straight



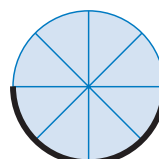
1/8 Circle



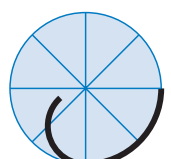
1/4 Circle



3/8 Circle

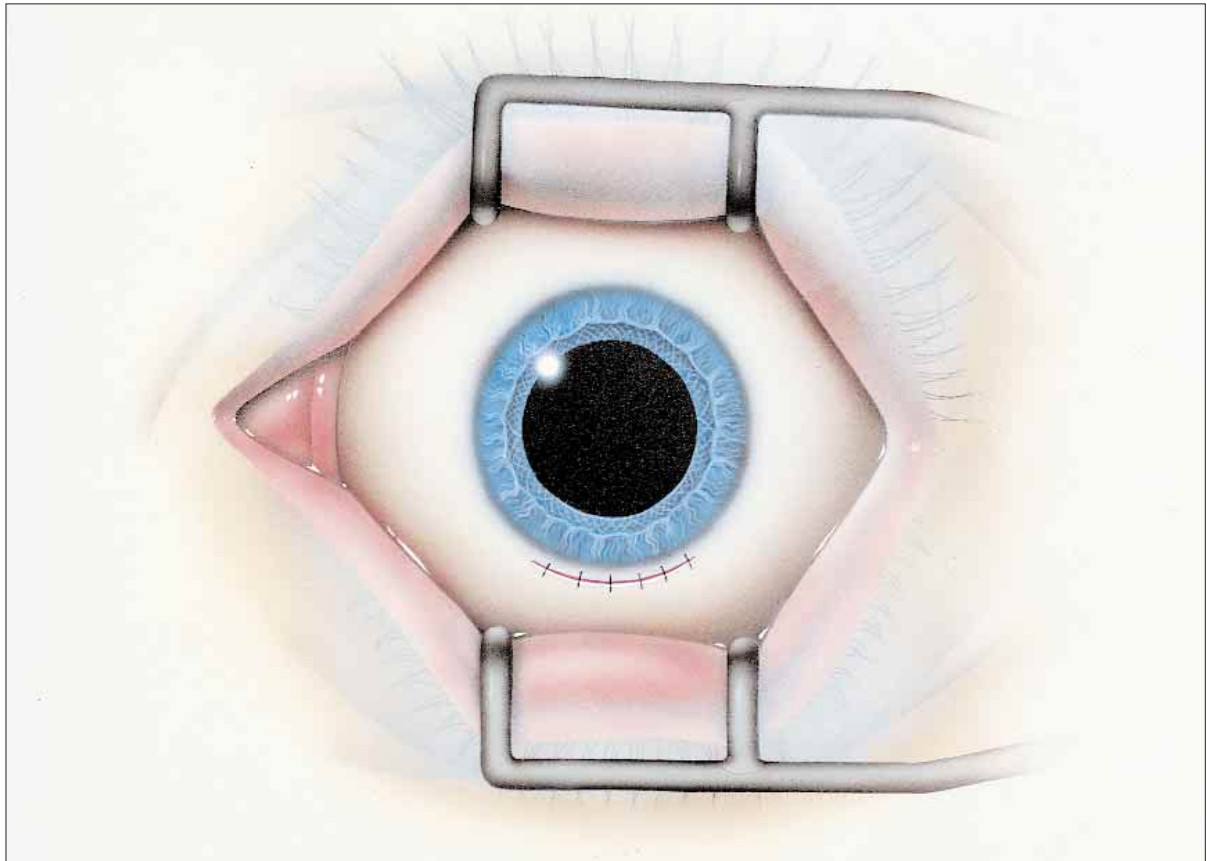


1/2 Circle



Bi-curve

Side Cutting Spatula Needles

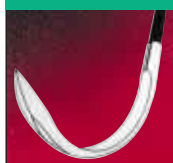


N-Series Needles (APOGEE[®])



Needle Specifications								
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	Surgical Applications	
⌋ NU-1	3/8	.15	140	6.19	2.54	4.75	Anterior Segment Surgery:	
⌋ NU-5	1/2	.15	160	5.51	1.98	4.01	Cataract	
⌋ NUM-5	1/2	.15	160	4.22	1.52	3.00	Glaucoma	
⌋ NU-31	1/4	.15	80	4.75	3.38	4.37	Corneal Transplant	
⌋ NU-8	Bi-Curve	.15	90/50	4.83	1.52/2.79	3.71		

S-Series Needles (EXCALIBUR[®])



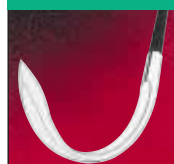
Needle Specifications								
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	Surgical Applications	
⌋ SU-19	3/8	.10	138	5.51	2.08	4.04	Anterior Segment Surgery:	
⌋ SU-1	3/8	.15	140	6.19	2.54	4.75	Cataract	
⌋ SU-5	1/2	.15	160	5.51	1.98	4.01	Glaucoma	
⌋ SU-3	1/8	.15	44	6.25	8.15	6.00	Corneal Transplant	

[More Side Cutting Spatula Needles](#)

Side Cutting Spatula Needles

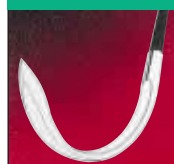


A-Series Needles



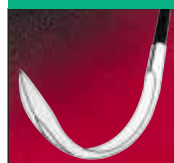
		Needle Specifications							Surgical Applications
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)			
) AU-1	3/8	.15	140	6.19	2.54	4.75	Anterior Segment Surgery: Cataract Glaucoma Corneal Transplant		
) AU-2	1/2	.15	175	6.98	2.28	4.75			
) AUM-5	1/2	.15	160	4.22	1.52	3.00			
) AUM-15	1/2	.10	160	4.22	1.52	3.00			
) AU-5	1/2	.15	160	5.51	1.98	4.01			
) AU-6	Bi-Curve	.15	105/85	6.17	.86/3.10	N/A			
) AU-8	Bi-Curve	.15	90/50	4.83	1.52/2.79	3.71			
) AU-15	1/2	.10	160	5.51	1.98	4.01			
) AU-18	Bi-Curve	.10	90/50	4.83	1.52/2.79	3.71			
) A-33/8	.20	137	6.55	2.77	5.18				
) A-51/2	.20	160	5.51	1.98	4.01				

C-Series Needles



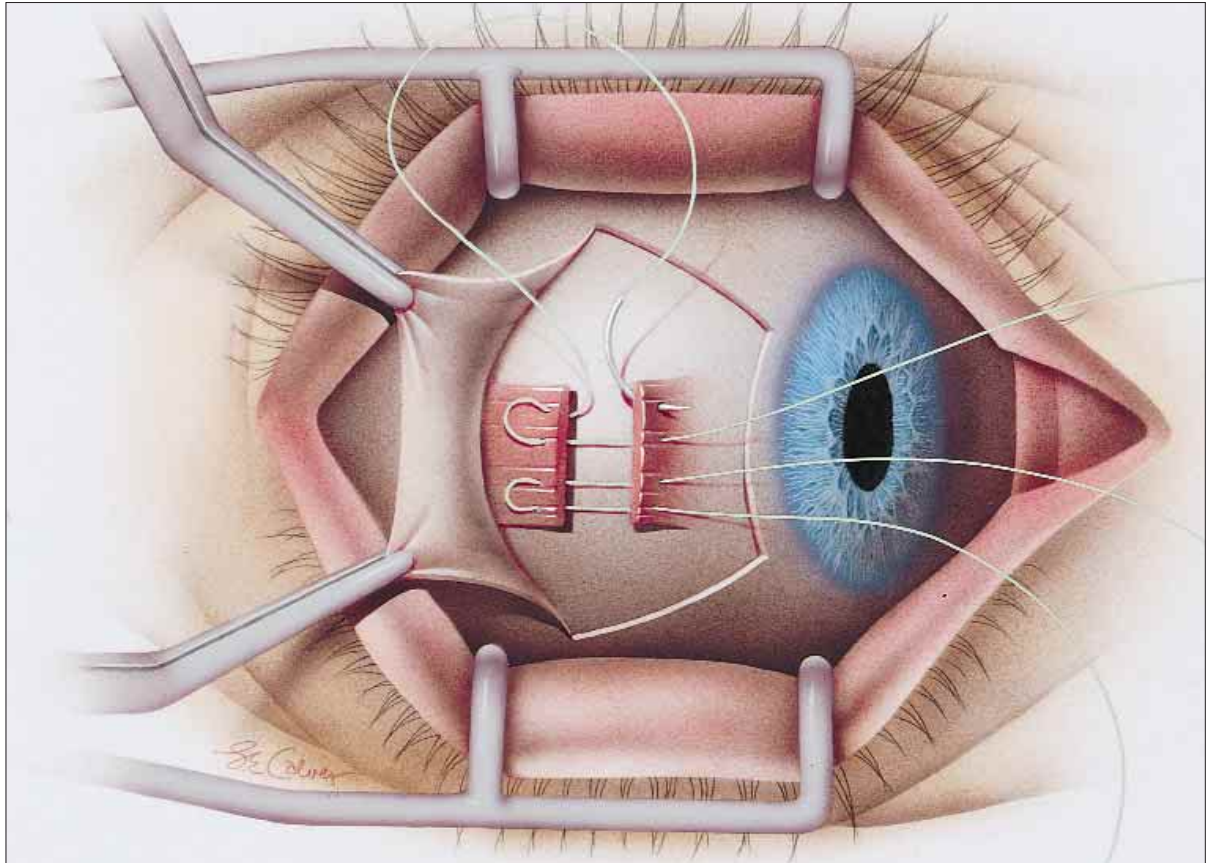
		Needle Specifications							Surgical Applications
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)			
) CU-11	3/8	.10	140	6.19	2.54	4.75	Anterior Segment Surgery: Cataract Glaucoma Corneal Transplant Oculoplastic Strabismus		
) CUM-15	1/2	.10	160	4.22	1.52	3.00			
) CU-1	3/8	.15	140	6.19	2.54	4.75			
) CU-2	1/2	.15	175	6.98	2.28	4.57			
) CU-5	1/2	.15	160	5.51	1.98	4.01			
) CU-5C	1/2	.15	160	5.51	1.98	4.01			
) CUM-5	1/2	.15	160	4.22	1.52	3.00			
) CU-6	Bi-Curve	.15	105/85	6.17	.86/3.10	N.A.			
) CU-8	Bi-Curve	.15	90/50	4.83	1.52/2.79	3.71			
) C-3	3/8	.23	137	6.55	2.77	5.18			
) C-4	1/2	.20	175	7.13	2.39	4.75			
) C-5	1/2	.20	160	5.51	1.98	4.01			
) C-6	1/4	.23	97	6.55	3.96	5.95			
) C-8	Bi-Curve	.20	90/50	4.83	1.52/2.79	3.71			

T-Series Needles

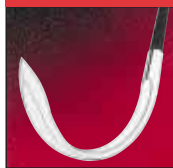


		Needle Specifications							Surgical Applications
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)			
) T-1	1/4	.33	90	7.92	5.08	7.19	Posterior Segment Surgery: Retinal Detachment		
) T-3	1/2	.35	180	7.92	2.54	5.08			
) T-5	1/4	.30	90	6.10	3.88	5.49			
) T-6	1/4	.40	90	7.92	5.08	7.19			

Inverse Side Cutting Needles



I-Series Needles



Description

- The classic spatula side cutting design with inverse shape
- Strength to pass through ocular muscles, but with minimal trauma
- Exclusive with **BIOSORB®** absorbable suture material
- Made from rugged and time-proven stainless steel

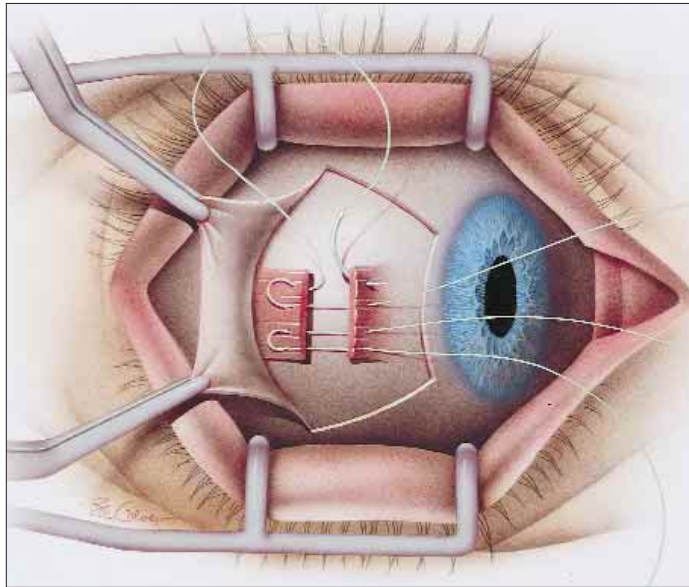
Needle Specifications

Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	Surgical Applications
) I-2	1/4	.23	110	7.62	3.97	6.50	Strabismus
) I-3	1/2	.20	163	7.62	2.78	5.48	
) I-4	1/4	.23	117	8.13	3.99	6.78	

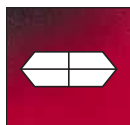
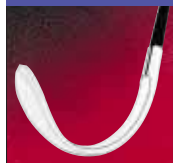
Sutures

Needle Specifications

Center Point Side Cutting Needles

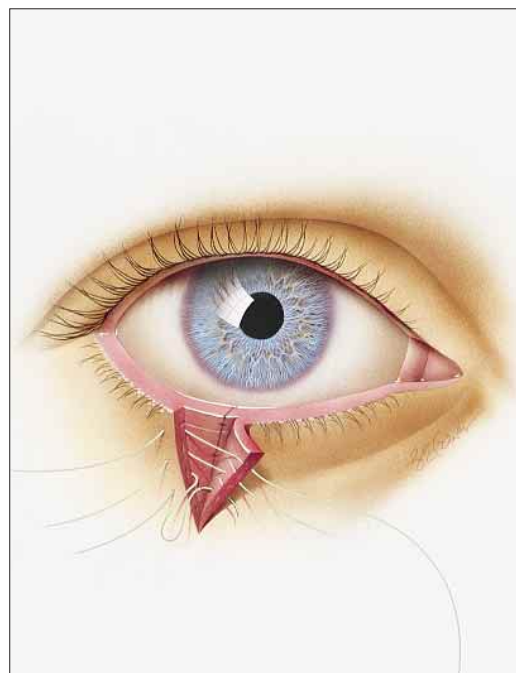
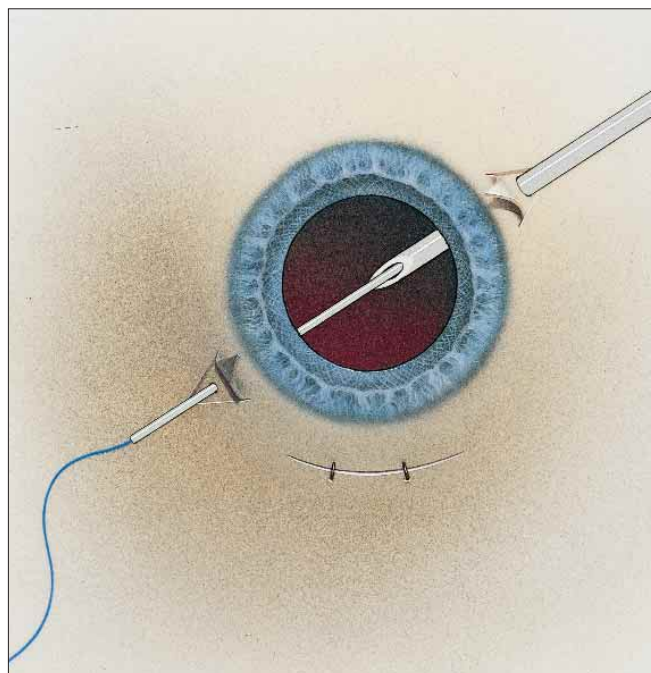


R-Series Needles

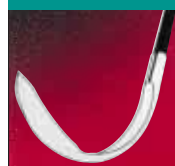


	Type	Circle	Wire (mm)	Needle Specifications				Surgical Applications
				Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	
)	R-1	1/4	.35	90	7.92	5.08	7.19	Posterior Segment Surgery: Retinal Detachment Strabismus Oculoplastic
)	R-2	1/4	.45	90	7.92	5.08	7.19	
)	R-3	1/2	.35	180	7.92	2.54	5.08	
)	R-4	1/4	.35	112	8.53	4.37	7.24	
)	R-5	1/4	.28	90	6.10	3.88	5.49	
)	R-7	1/4	.40	90	6.55	4.16	5.89	

Reverse Cutting Needles



B-Series Needles



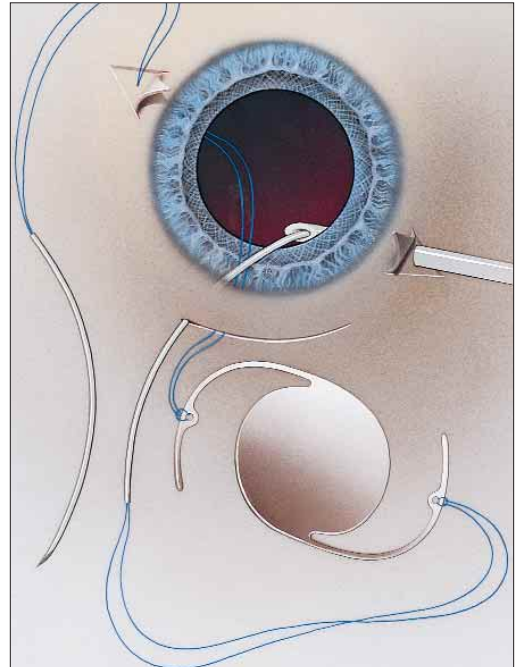
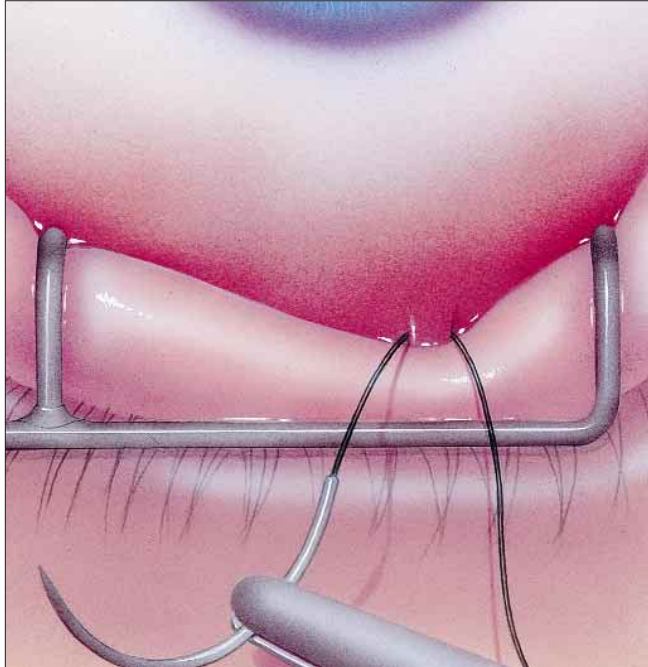
	Type	Circle	Needle Specifications					Surgical Applications
			Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	
)	B-1	1/4	.20	110	7.92	3.98	6.50	Anterior Segment Surgery:
)	B-2	1/2	.20	165	7.92	2.77	5.54	Rectus Traction
)	B-3	1/4	.23	115	5.58	2.78	4.75	Oculoplastic
)	B0-1	3/8	.35	135	11.04	4.75	8.79	Posterior Segment Surgery:
)	B0-2	3/8	.43	155	13.07	4.75	9.30	Vitreoretinal

Special

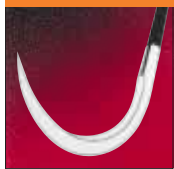
SC-Series Needles

	Type	Circle	Needle Specifications					Surgical Applications
			Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	
—	SC-5	Straight	.15	N/A	16.15	N/A	N/A	Anterior Segment Surgery: IOL Sulcus Fixation (Lewis PAIR PAK®)

Taper Point Needles



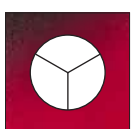
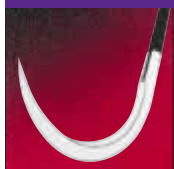
P-Series Needles



Needle Specifications								
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	Surgical Applications	
) P-1	3/8	.30	137	12.32	5.16	9.59	Anterior Segment Surgery:	
) P-3	1/4	.10	100	4.24	2.54	3.88	Cataract	
) P-5	3/8	.42	137	12.32	5.16	9.59	Glaucoma	
) P-6	3/8	.15	138	6.19	6.19	2.54	Iris Repair	
							Rectus Traction	

Cutting Taper Point Needles

PC-Series Needles



Needle Specifications								
Type	Circle	Wire (mm)	Curvature (°)	Length (mm)	Radius (mm)	Chord (mm)	Surgical Applications	
) PC-1	3/8	.35	135	13.99	5.90	11.00	Anterior Segment Surgery:	
) PC-5	3/8	.42	135	13.99	5.90	11.00	Rectus Traction	
) PC-7	1/4	.23	88	13.34	8.73	12.13	IOL Fixation	
) PC-9	1/4	.23	100	15.30	8.70	13.40	Oculoplastic	
							Posterior Segment Surgery:	
							Vitreoretinal	

Sutures

Suture Specifications

Needle/Suture Material Matrix

Needle Type		Nylon	Silk	Polyester Braided	Polyester Monofilament	Polypropylene	BIOSORB®	BIOSORB® C
Side Cutting (Spatula)								
N-Series		X					X	
S-Series		X			X		X	
A-Series		X	X		X	X		
C-Series		X	X				X	X
Inverse Side Cutting								
I-Series							X	X
Center Point Side Cutting								
R-Series		X	X	X				X
Scleral Side Cutting								
T-Series		X		X				
Reverse Cutting								
B-Series		X	X				X	
Taper Point								
P-Series			X				X	
Cutting Taper Point								
PC-Series			X			X		
Special Needles								
SC-Series						X		

Needle/Surgical Procedures Matrix

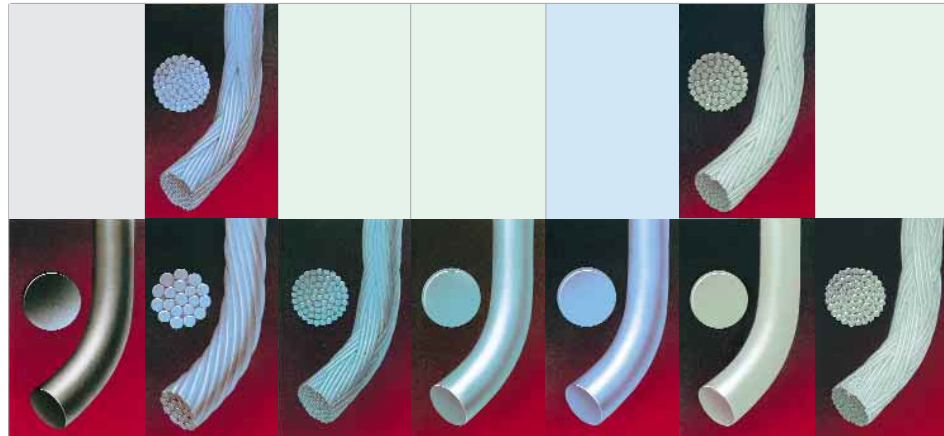
Surgical Procedure	Series										
	N	S	A	C	I	R	T	B	P	PC	SC
Cataract	X	X	X	X							
Glaucoma	X	X	X	X					X	X	
Corneal Transplant	X	X	X	X							
Strabismus				X	X	X				X	
Oculoplastic				X		X		X		X	
Iris Repair									X		
IOL Sulcus Fixation										X	X
Rectus Traction						X		X	X	X	
Retinal Detachment						X	X	X		X	

x = Alcon needle available

Sutures

Suture Specifications

Suture Material and Specifications



	Nylon	Silk	Polyester Braided	Polyester Monofilament	Polypropylene	BIOSORB [®]	BIOSORB [®] C
Stretch Factor	20 - 25%	3 - 5 %	1%	1%	30 - 38 %	1%	1%
Astigmatic Control	Excellent	Poor	N/A	Excellent	Poor	Excellent	N/A
Elasticity	Fair	Poor	Poor	Poor	Excellent	Poor	Poor
Absorption	No	No	No	No	No	Yes	Yes
Hydrolysis	No	No	No	No	No	Yes	Yes
Handling	Good	Excellent	Good	Poor	Good	Excellent	Excellent
Tissue Reaction	None	Some	None	None	None	None	None
Suture Colors	Black	Blue or Black	Green or White	Green	Blue	Green	Green
Monofilament	Yes	No	No	Yes	Yes	Yes	No
Braided	No	Yes	Yes	No	No	Yes	Yes
Twisted	No	Yes	No	No	No	No	No
Size	5-0, 6--0, 8-0, 9-0, 10-0, 11-0	4-0, 6-0, 7-0, 8-0, 9-0	4-0, 5-0	10-0, 11-0	10-0	6-0, 7-0, 8-0, 10-0	5-0, 6-0
Package Color	Mint Green	Light Blue	Burnt Orange	Burnt Orange	Royal Blue and White	Gold and White	Gold and White
Assist-O.R.[™] Pak	Yes	Yes	Yes	Yes	Yes	No	No
Surgical Indication	Cataract, glaucoma, oculo-plastic, retinal-vitreous	Cataract, glaucoma, oculo-plastic, retinal-vitreous, traction	Retinal detachment, strabismus	Cataract, glaucoma	Cataract, glaucoma, iris repair, IOL fixation	Cataract, glaucoma, oculo-plastic, strabismus	Strabismus, retinal-vitreous, cataract

Not all products are available in all markets.

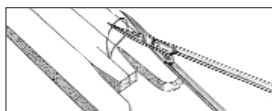
Sutures

General Information

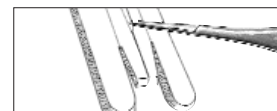
The ASSIST-O.R.[™] Pak

Alcon's ASSIST-O.R. Pak is the most advanced, sophisticated needle and suture delivery system available to the ophthalmic surgeon. This simple, practical approach to suture handling is clearly demonstrated by a delivery system which effectively:

- Keeps suture material free of tangles.
- Protects the sharpness of the needle.
- Locates the suture mid-point for single arming.
- Stores the second needle and suture until needed.
- Allows needleholder-arming without touching the needle.
- Provides a disposable pad for needle count.
- Prevents waste when needle and suture are not used. Double sterile packaging allows reuse.



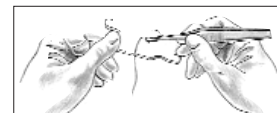
1. Cut loop to single arm. Suture will be of two equal lengths.



2. Gently remove suture material from slots and unwind before removing the needle.



3. Hold ASSIST-O.R. Pak as shown. Grip needle in needleholder and remove with gentle rotation.



4. Needle can be repositioned by using ASSIST-O.R. Pak. No need to touch needle.



5. ASSIST-O.R. Pak becomes needleholder for count and disposal at end of surgery.

USP Specifications for Suture Sizes

Class I – silk or synthetic fibers of monofilament, twisted or braided construction. Tensile strength (kg)

Number and Size		Limits on Diameter		Limits on Knot Pull	
USP	Size	Minimum	Maximum	Nonabsorbable	Absorbable
11-0	0.1	0.01	0.019	0.005	-
10-0	0.2	0.02	0.029	0.016	0.025
9-0	0.3	0.03	0.039	0.036	0.05
8-0	0.4	0.04	0.049	0.06	0.07
7-0	0.5	0.05	0.069	0.11	0.14
6-0	0.7	0.07	0.099	0.20	0.25
5-0	1.0	0.10	0.149	0.40	0.68
4-0	1.5	0.15	0.199	0.60	0.95
3-0	2.0	0.20	0.249	0.96	1.77
2-0	3.0	0.30	0.339	1.44	2.68
1-0	3.5	0.35	0.399	2.16	-

Sutures

General Information



Alcon Laboratories, Inc.
6201 South Freeway
Fort Worth, Texas 76134
(800) 862-5266
www.alconlabs.com

Educational Videos

Available for free rental in the U.S. by calling 1-800-TO-ALCON (1-800-862-5266) extension 4947.

For international availability, contact your local Alcon representative.

- | | |
|---|---|
| <p>H-04 Lewis Suture Technique
James S. Lewis, M.D.
(9 minutes) 3/90</p> | <p>Technique developed for fixating posterior chamber IOLs in the ciliary sulcus. Alcon worked with Dr. Lewis to develop the Lewis PAIR PAK® Fixation Suture specifically for this procedure (Product Number 8065304901). It is a 12" polypropylene suture, double armed, with an SC-5 straight needle and an AUM-5 needle.</p> |
| <p>H-06 Techniques for Horizontal Closure
Robert Osher, M.D.
(5 minutes) 5/91</p> | <p>Two case reviews of the technique developed by Dr. Osher for closing the cataract wound via horizontal technique. Dr. Osher describes the method of horizontal closure with the addition of two radial bites for the younger patient.</p> |
| <p>H-12 Double Transscleral Sulcus Fixation with James S. Lewis, M.D.
James S. Lewis, M.D.
(10 minutes) 1/94</p> | <p>Dr. Lewis describes an advanced technique for suturing lenses in the sulcus without the need for making scleral flaps. The technique involves the use of a 27-gauge straight needle and a specially designed Alcon suture. Using the Lewis technique, the surgeon gains exact placement of the lens haptics in the sulcus.</p> |
| <p>H-17 Repair of Congenital Ptosis Using the Frontalis Suspension Procedure with Autogenous Fascia
M. Edward Wilson, M.D.
(29 minutes) 4/96</p> | <p>Dr. Wilson repairs a congenital ptosis using the fascia harvested from the leg of the young boy. Dr. Wilson first describes and then demonstrates harvesting the fascia and then performs the frontalis suspension of the eyelid. The use of BioSORB® to close the wound is described.</p> |
| <p>H-18 Double Transscleral Sulcus Fixation with James S. Lewis, M.D.
M. Edward Wilson, M.D.
(21 minutes) 4/96</p> | <p>Dr. Wilson performs the lateral rectus muscle resection and combines with the oblique muscle transposition. He describes the use of the new I-4 suture needle and BioSORB.</p> |
| <p>H-19 Managing the Posterior Capsule During Pediatric Cataract Surgery
M. Edward Wilson, M.D.
(20 minutes) 7/96</p> | <p>Dr. Wilson performs three cataract procedures with an emphasis on management of the posterior capsule. He explains his technique and rationale as he proceeds through each case. The wounds in all three cases are closed with 10-0 BioSORB on a CU-5 needle.</p> |

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL[®]](#) [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON

ALCON

Needle Description Suture Description Needle Description Suture Description

CSU	TG			C-3	A-3	
9033G	7718G	140-8	10-0 BMN 12"	1930	6930	10-0 BMN 12" DA
9037G	7717G	140-8	9-0 BMN 12"	1931		9-0 BMN 12" DA
9034G		140-8	10-0 BMN 6"	1932		10-0 BMN 6" DA

CSU	TG			C-4		
9032G		175-8	10-0 BMN 12"	1942		10-0 BMN 12" DA
9038G	1716G	175-8	8-0 BMN 12"	1941		8-0 BMN 12" DA

CSU				C-5	A-5	
9030G		160-8	10-0 BMN 12"	1961	6961	10-0 BMN 12" DA
9031G		160-8	10-0 BMN 6"	1960		10-0 BMN 6" DA
9035G		160-8	9-0 BMN 12"	1962		9-0 BMN 12" DA

CSU	TG			CU-1	AU-1	NU-1	
9004G		140-6	10-0 BMN 6"	1985	6985		10-0 BMN 6" DA
9003G	7770G	140-6	10-0 BMN 12"	1980	6980	7117	10-0 BMN 12" DA
9013G		140-6	9-0 BMN 12"	1981			9-0 BMN 12" DA

CSU	TG			CU-2	AU-2	
9002G	7781	175-6	10-0 BMN 12"	1982	6982	10-0 BMN 12" DA

CSU	TG			SU-3		
9065G		CS44-6	10-0 BMN 4" SA	2184		10-0 BMN 3"SA

CSU	TGW	TG			CU-5	AU-5	NU-5	SU-5	
9011G		7760G	160-6	9-0 BMN 12" DA	1922	6922		2185	9-0 BMN 12" DA
9000G	7800G	7756G	160-6	10-0 BMN 12"	1921	6921	7121		10-0 BMN 12" DA
9001G		7757G	160-6	10-0 BMN 6"	1920	6920	7120		10-0 BMN 6" DA
9016G			160-6	11-0 BMN 8"	1926				11-0 BMN 6"DA
9061G			160-6	10-0 BMN 4" SA		7100	7122	7101	10-0 BMN 6" SA

CSU	TG			CU-6	AU-6	
9009G	7799G	CS-C-6	10-0 BMN 12"	2060	7060	10-0 BMN 12"DA

Sutures

Equivalency Charts

ETHICON: Nylon [Silk](#) [Dacron](#) [VICRYL[®]](#) [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON

ALCON

Needle Description Suture Description Needle Description Suture Description

CSU		TG		CU-8		AU-8		NU-8	
9008G	7721G	CSB-6	10-0 BMN 8"	2020	7020	7126			10-0 BMN 8" DA
9007G	7724G	CSB-6	10-0 BMN 12"	2021	7021	7127			10-0 BMN 12" DA
9015G		CSB-6	9-0 BMN 12"	2024	7024				9-0 BMN 12" DA
9014G		CSB-6	9-0 BMN 8" DA			7126			10-0 BMN 8" DA
9066G		CSB-6	10-0 BMN 4" SA		7102				10-0 BMN 6" SA
TG				CU-11					
7709G		140-4	10-0 BMN 12"	1990					10-0 BMN 12" DA
CSU		TG		CU-15		AU-15			
9020G	7707G	160-4	10-0 BMN 12"	2010	7010				10-0 BMN 12" DA
	7705G	160-4	11-0 BMN 12"	2012					11-0 BMN 12" DA
CSU		TGW		CUM-5		AUM-5		NUM-5	
9006G	7806G	CS-M-6	10-0 BMN 8"	1928	6928				10-0 BMN 8" DA
					7123				10-0 BMN 3" SA
CSU		TG		CUM-15		AUM-15			
	7711G	160-4-3M	10-0 BMN 8"	2017	7017				10-0 BMN 12" DA
	7723G	160-4-3M	9-0 BMN 8"	2018					9-0 BMN 8" DA
9023G		CS-M-4	10-0 BMN 8"	2017					10-0 BMN 12" DA
TG				AU-18					
7790G		4-C	10-0 BMN 6"	7028					10-0 BMN 12" DA
TG				T-5		R-5			
7731G		S-24	5-0 BMN 18"	188811					5-0 BMN 12" DA
					2155				5-0 BMN 18" DA

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL](#)[®] [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON		ALCON	
<u>Needle Description</u>	<u>Suture Description</u>	<u>Needle Description</u>	<u>Suture Description</u>
G-3		B0-2	
783G	4-0 BBS 18" DA	1875	4-0 BBS 18" DA
789G	4-0 BBS 18" SA	1876	4-0 BBS 18" SA
G-1		B0-1	
780G	6-0 BBS 18" DA	1860	6-0 BBS 18" DA
G-6		B-1	
768G	7-0 BBS 18" DA	1955	7-0 BBS 18" DA
TG140-8		C-3	
7752G	8-0 BBS 12" DA	1934	8-0 BBS 12" DA
7733G	7-0 BBS 18" DA	1936	7-0 BBS 18" DA
G-6		B-1	
769G	6-0 BBS 18" DA	1956	6-0 BBS 18" DA
G-7		B-2	
766G	7-0 BBS 18" DA	1970	7-0 BBS 18" DA
TG140-8		C-3	
7736G	8-0 WTS 18" DA	1933	8-0 WBS 12" DA
G-7		B-2	
765G	6-0 BBS 18" DA	1971	6-0 BBS 18" DA
TG140-8		C-3	
1732G	6-0 BBS 18" DA	2053	6-0 BBS 18" DA

Sutures

Equivalency Charts

ETHICON: [Nylon](#) Silk [Dacron](#) [VICRYL](#)[®] [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON

ALCON

Needle Description

Suture Description

Needle Description

Suture Description

C-2

714G

6-0 BBS 18" DA

P-1

[1840](#)

6-0 BBS 18" SA

C-1

K891H

4-0 BBS 30" SA

709H

4-0 BBS 18" DA

P-5

[1845](#)

4-0 BBS 12" SA

[1846](#)

4-0 BBS 18" DA

CS160-6

7785G

9-0 BBS 12" DA

CU-5

9-0 BTS 12" DA

[1924](#)

CC-1

7729G

6-0 BBS 12" SA

PC-1

6-0 BBS 18" SA

[1848](#)

C-1

7730G

6-0 BBS 18" SA

707G

6-0 BBS 18" SA

P-1

6-0 BBS 18" SA

[1840](#)

[1840](#)

6-0 BBS 18" SA

C-3

735G

4-0 BBS 12" DA

736G

4-0 BBS 18" SA

BO-2

4-0 BBS 18" DA

4-0 BBS 18" SA

[1875](#)

[1876](#)

C-1

7734G

4-0 BBS 12" SA

706G

6-0 BBS 18" DA

PC-5

[1847](#)

PC-1

[1848](#)

4-0 BBS 18" SA

6-0 BBS 18" SA

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) Dacron [VICRYL](#)[®] [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON

ALCON

Needle Description

Suture Description

Needle Description

Suture Description

RD-1

R-1

R-5

746G

5-0 WBD 18"

[211101](#)

[215101](#)

5-0 WBD 18" DA

740G

5-0 GBD 18"

[211201](#)

5-0 GBD 18" DA

S-14

T-1

1760G

5-0 WBD 18"

[189511](#)

5-0 WBD 18" DA

S-24

T-1

T-3

1761G

5-0 GBD 18"

[189611](#)

5-0 GBD 18" DA

1722G

6-0 WBD 18"

[189511](#)

[185111](#)

5-0 WBD 18" DA

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) VICRYL[®] [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON		ALCON	
<u>Needle Description</u>	<u>Suture Description</u>	<u>Needle Description</u>	<u>Suture Description</u>
TG140-8		C-3	
J548G	8-0 CB 12"	8615	8-0 PB 12"
J547G	8-0 CB 8"	8616	8-0 PB 8"
J546G	7-0 CB 18"	8617	7-0 PB 8"
J566G	7-0 CB 12"	8617	7-0 PB 8"
TG160-8		C-5	
J576G	7-0 CB 18"	8618	7-0 PB 18"
J575G	7-0 CB 12"	8619	7-0 PB 12"
J574G	8-0 CB 8"	8619	7-0 PB 12"
S-24/RD-1		R-1	
J578G	6-0 CB 8"	8620	6-0 CB 12"
J552G	6-0 CB 12"	8620	6-0 CB 12"
J446G	6-0 CB 12"	8620	6-0 CB 12"
J579G	5-0 CB 8"	8629	5-0 CB 18"
J553G	5-0 CB 12"	8629	5-0 CB 18"
S-29		I-2	
		8621	6-0 PB 12"
J555G	6-0 CB 18"	8631	6-0 PB 18"
CS140-6/TG140-6		CU-1	
V950G	9-0 CB 4"	8622	8-0 PB 12"
J974G	8-0 CB 12"	8622	8-0 PB 12"
V960G	10-0 CM 4"	8622	8-0 PB 12"

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) VICRYL[®] [Polyester](#) [Polypropylene](#) [Specialty](#)

Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON		ALCON	
<u>Needle Description</u>	<u>Suture Description</u>	<u>Needle Description</u>	<u>Suture Description</u>
CS160-6		CU-5	
V448G	10-0 CM 12"	8623	10-0 PM 8"
CS44-66		SU-3	
V965G	10-0 CB 4"	8624	10-0 PM 3"
S-14		R-4	
J570G	6-0 CB 18"	8625	6-0 CB 18"
J590G	6-0 CB 8"	8625	6-0 CB 18"
J670G	6-0 CB 18"	8625	6-0 CB 18"
J571G	5-0 CB 18"	8625	5-0 CB 18"
J591G	5-0 CB 8"	8626	5-0 CB 18"
J671G	5-0 CB 18"	8626	5-0 CB 18"
TG100-8		C-6	
J544G	6-0 CB 18"	8628	6-0 CB 18"
		8633	6-0 PB 12"
BV100-3		P-3	
D7498	10-0 M 5"	8630	10-0 PM 5"
V402G	9-0 M 5"	8630	10-0 PM 5"
S-28		I-3	
J562G	8-0 CB 18"	8632	6-0 CB 18"
CS-B-6		CU-5	
V966	10-0 PM 4"	8635	10-0 PM 3"

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL[®]](#) Polyester [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

ETHICON

ALCON

Needle Description

Suture Description

Needle Description

Suture Description

160-6

SU-5

R756G

10-0 GMP 12"

[2231](#)

10-0 GMP 12"

R757G

10-0 GMP 6"

[2231](#)

10-0 GMP 12"

TG6-C+

AU-8

R740

10-0 GMP 8"

[2238](#)

10-0 GMP 12"

TG160-4

AU-18

R749G

11-0 GMP 8"

[2239](#)

11-0 GMP 12"

Polypropylene

TG160-6

AU-5

7761G

10-0 PP 12"

[3067](#)

10-0 PP 12"

CIF-4

PC-7

788G

10-0 PP 8"

[3076](#)

10-0 PP 8"

STC-6

SC-5

1713G

10-0 PP 8"

[3080](#)

10-0 PP 8"

Specialty

CS160-6

SC-1

SC-5

9092

10-0 PP 4" DA

[3049](#)

3048

9-0 BMN 12" DA
w/AUM-5/10-0 PP 12

Sutures

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL[®]](#) [Polyester](#) [Polypropylene](#) [Specialty](#)
 Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

DAVIS & GECK		ALCON			
Needle Description	Suture Description	Needle Description	Suture Description		
LE-2		C-3	A-3		
1857-38	10-0 BMN 12"	1930	6930	10-0 BMN 12" DA	
1857-28	9-0 BMN 12"	1931		9-0 BMN 12" DA	
1873-38	10-0 BMN 6"	1932		10-0 BMN 6" DA	
L-2		C-4			
1856-38	10-0 BMN 12"	1942	10-0 BMN 12" DA		
LA-2		C-5	A-5		
1869-38	10-0 BMN 12"	1961	6961	10-0 BMN 12" DA	
1822-38	10-0 BMN 6"	1960		10-0 BMN 6" DA	
1869-28	9-0 BMN 12"	1962		9-0 BMN 12" DA	
LE-1		CU-1	AU-1	NU-1	
1859-38	10-0 BMN 6"	1985	6985		10-0 BMN 6" DA
1862-38	10-0 BMN 12"	1980	6980	7117	10-0 BMN 12" DA
1862-38	9-0 BMN 12"	1981			9-0 BMN 12" DA
LA-1		CU-5	AU-5	NU-5	SU-5
1868-28	9-0 BMN 12" DA	1922	6922		2185 9-0 BMN 12" DA
1868-38	10-0 BMN 12"	1921	6921	7121	10-0 BMN 12" DA
1821-38	10-0 BMN 6"	1920	6920	7120	10-0 BMN 6" DA

Sutures



LABORATORIES
Alcon Laboratories, Inc.
6201 South Freeway
Fort Worth, Texas 76134
(800) 862-5266
www.alconlabs.com

Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL®](#) [Polyester](#) [Polypropylene](#) [Specialty](#)

Davis & Geck: [Nylon](#) [Silk](#) [Dacron](#)

DAVIS & GECK		ALCON	
<u>Needle Description</u>	<u>Suture Description</u>	<u>Needle Description</u>	<u>Suture Description</u>
CE-23		B0-2	
1298-33	4-0 BBS 18" DA	1875	4-0 BBS 18" DA
		1876	4-0 BBS 18" SA
CE-21		B0-1	
1296-13	6-0 BBS 18" DA	1860	6-0 BBS 18" DA
CO-2		B-1	
1293-03	7-0 BBS 18" DA	1955	7-0 BBS 18" DA
LE-2		C-3	
1299-18	8-0 BBS 18" DA	1935	8-0 BBS 18" DA
LE-2		C-3	
1299-18	8-0 BBS 18" DA	1934	8-0 BBS 12" DA
		1936	7-0 BBS 18" DA
CO-2		B-1	
1293-13	6-0 BBS 18" DA	1956	6-0 BBS 18" DA
CE-2		B0-2	
1238-33	4-0 BBS 18"	1875	4-0 BBS 18" DA
LE-2		C-3	
1441-18	8-0 WBS 18" DA	1933	8-0 WBS 12" DA
DO-1		R-7	
1433-33	4-0 WBS 24" DA	2177	4-0 WBS 18" DA
DO-3		R-1	
1434-33	4-0 WBS 24" DA	2117	4-0 WBS 18" DA
LE-2		C-3	
1299-18	8-0 BBS 18" DA	2053	6-0 BBS 18" DA

Sutures



Equivalency Charts

ETHICON: [Nylon](#) [Silk](#) [Dacron](#) [VICRYL](#)[®] [Polyester](#) [Polypropylene](#) [Specialty](#)

Davis & Geck: [Nylon](#) [Silk](#) Dacron

DAVIS & GECK		ALCON	
<u>Needle Description</u>	<u>Suture Description</u>	<u>Needle Description</u>	<u>Suture Description</u>
D0-1		R-1	
2830-23	5-0 WBD 18"	211101	5-0 WBD 18" DA
		211201	5-0 GBD 18" DA
D0-3		R-5	
2904-33	4-0 WBD 18"	215101	5-0 WBD 18" DA
D0-1		T-1	
2830-23	5-0 WBD 18"	189511	5-0 WBD 18" DA
D0-5		T-1	
		189611	5-0 GBD 18" DA
2919-23	5-0 WBD 18"	189511	5-0 WBD 18" DA
D-1		T-3	
2820-23	5-0 WBD 18" DA	185111	5-0 WBD 18" DA