



LARS[®]

Ligament Augmentation
& Reconstruction System



Ligament Augmentation & Reconstruction System Catalogue

Distributed by

Corin

ACL repair and reconstruction using the LARS ligament

LARS are a range of synthetic Ligament Augmentation and Reconstruction devices, suitable for a wide variety of applications from ACL and PCL reconstruction to ankle and shoulder repairs.

The LARS ligaments are intended for the intra or extra-articular reconstruction of ruptured ligaments, designed to mimic the normal anatomic ligament fibres. The intra-articular longitudinal fibres resist fatigue and allow fibroblastic ingrowth, the extra-articular woven fibres provide strength and resistance to elongation.

Use of LARS ligaments allows immediate restoration of knee kinematics by re-centering the knee. LARS ligaments are used as internal fixation devices to aid the healing process.

LARS ligaments can be used in conjunction with the remnants of the ruptured ligament, or as reinforcement of an autologous reconstruction. In both cases LARS ligaments allow the original ligament tissues to heal during the immediate post-operative period, when an excess of traction would otherwise elongate the tissue.

These ligaments must always be placed in the joint in an anatomical or isometric position. The diameter of the bony tunnels must correspond to the specific technique for each type of ligament and as a general rule should be as small as possible. The fixation of the ligament extremities must always be extra-articular. In acute cases, the artificial ligament must be placed at the centre of the autologous remnant. Ligament extremities are cut flush with the fixation.

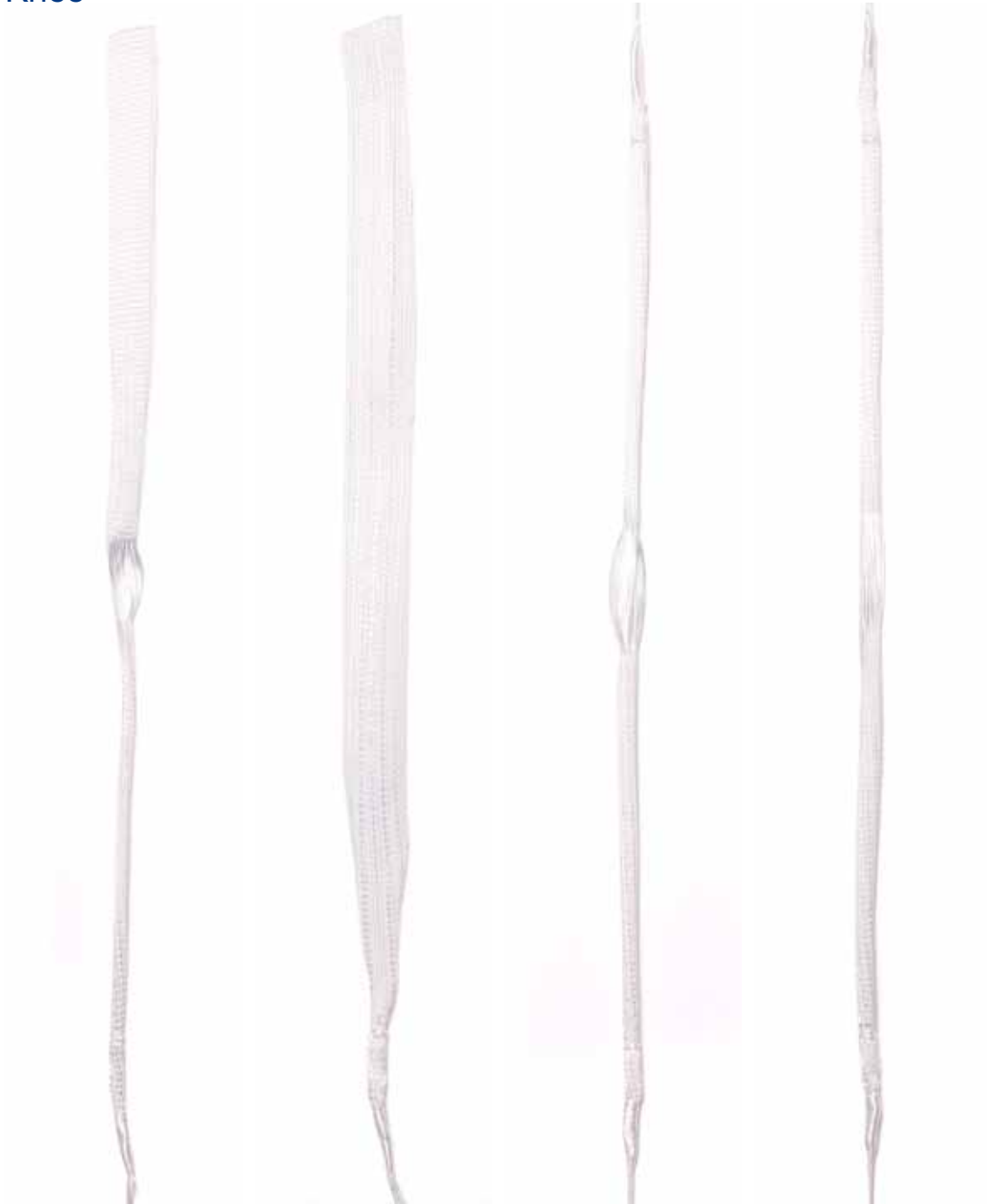
LARS can be used for extra-articular reconstructions in tendon repairs such as Achilles tendon, patella tendon, biceps tendon, rotator cuff etc.

Mechanical in vivo tests for resistance, fatigue and creep have shown that LARS ligaments are highly effective ligament reconstruction and augmentation devices and long-term clinical results are excellent.

Ligaments

KNEE		
PAGE	LIGAMENT	CODE
4	Medial collateral - MCL 32	L060305
	Quadriceps tendon - IT 32 RA	L030306
	Posterior cruciate - PC 80	L010805
	Posterior cruciate - PC 60	L010605
5	ACL for transverse fixations - RO6 x 400/6mm	L130605
	Chronic ACL and PCL tube for allograft or autograft - Actor 8	L030406
	Chronic ACL and PCL tube for allograft or autograft - Actor 10	L030407
	Patella - PTR 30	L050305
6	ACL for transverse fixation with free fibres - AC 30 DB	L020305
	ACL for transverse fixation with free fibres - AC 40 DB	L020405
	ACL for transverse fixation with free fibres - AC 50 DB	L020505
	ACL - AC 80 (Right)	L020802
	ACL - AC 80 (Left)	L020801
7	ACL 100 short femoral insert - AC 100 2BR/S (Right)	L021006
	ACL 100 short femoral insert - AC 100 2BR/S (Left)	L021005
	ACL - AC 100 2B (Left)	L021001
	ACL - AC 100 2BL (Right)	L021202
	ACL - AC 120 (Right)	L201202
	ACL - AC 120 (Left)	L021201
	ACL - AC 160 (Left)	L021601
	ACL - AC 160 (Right)	L021602
8	PPLY 80 (One arm 50mm, the other 30mm)	L040805
	Y ligament for posterolateral corner and LCL/PCL PPLY 100 (Both arms 50mm)	L041005
	Y ligament for posterolateral corner and LCL/PPLY 100 (One arm 70mm, the other 50mm)	L041006
ANKLE		
9	Achilles tendon - AT 30	L300605
	Lateral instability - LLE A44	L200405
SHOULDER		
10	Acromioclavicular - LAC 20 CK	L400205
	Acromioclavicular - LAC 30 CK	L400305
	Rotator cuff - CR 25	L410205
	Rotator cuff - CR 30	L410305
ELBOW AND TUMOUR		
11	IT 20 RA	L030205
	Tube - R06 x 400/S	L130605B
	Band - R06 x 400	L130605C

Knee



MCL 32

Medial collateral

IT 32 RA

Quadriceps tendon

PC 60

PCL

PC 80

PCL



R06 x 400/6mm

For use with transverse fixation

Actor 8

Chronic ACL/PCLs

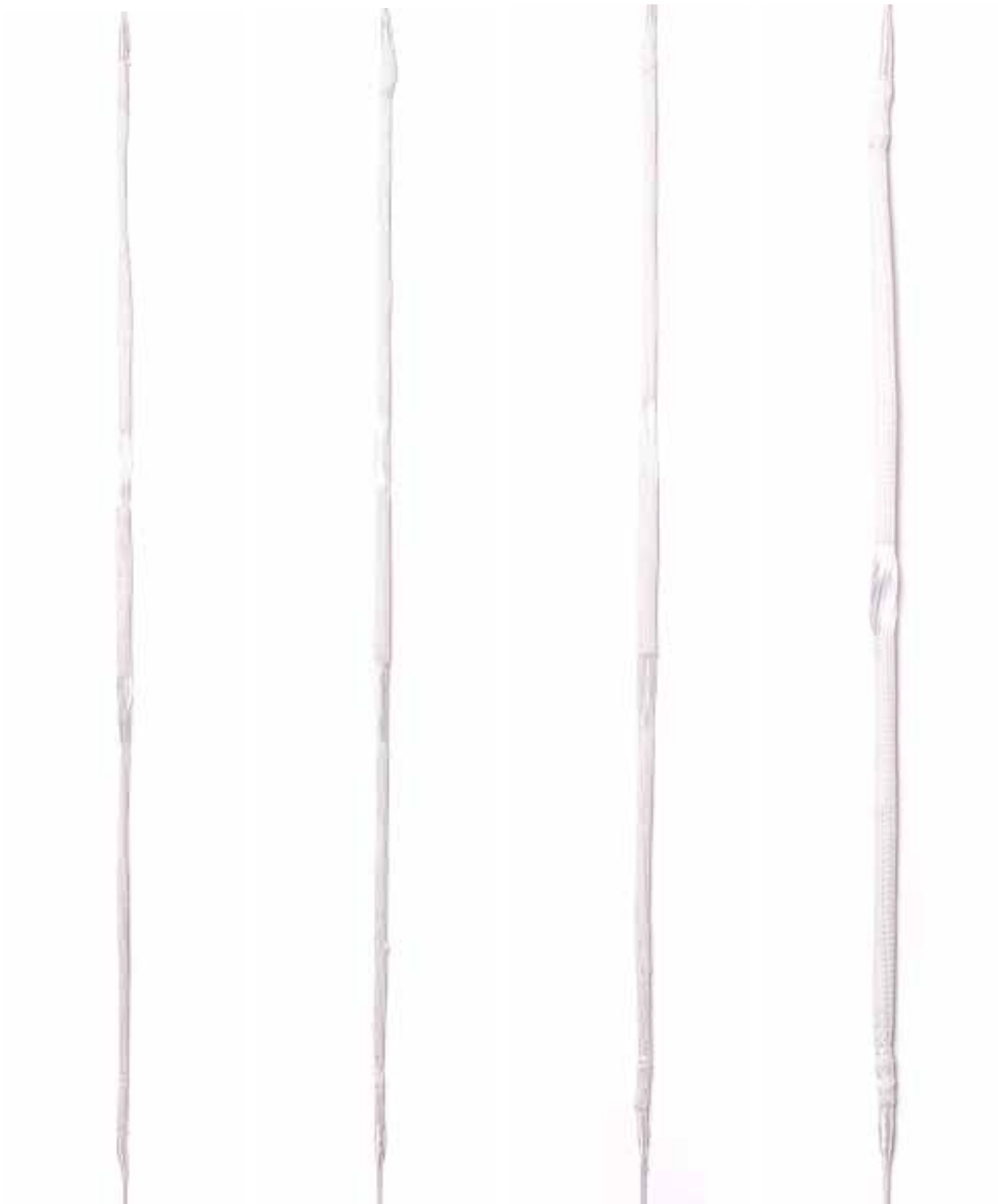
Actor 10

Chronic ACL/PCLs

PTR 30

Patella

Knee - ACL Transverse fixation devices



AC 30 DB

AC 40 DB

AC 50 DB

AC 80

ACL



AC 100 2BR/S

AC 100 2B

AC 120

AC 160

Knee - PCL/ LCL/ PCL multi-ligament injuries



PPLY 80
50/30mm

PPLY 100
50/50mm

PPLY 100
70/50mm

Ankle



AT 30

Achilles



LLE A44

Lateral instability

Shoulder



LAC 20 CK

Acromioclavicular

LAC 30 CK

Acromioclavicular

CR 25

Rotator cuff and hip

CR 30

Rotator cuff and hip

Elbow



IT 20 RA

Tumour reconstruction



R06 x 400/S

R06 x 400

Fixation

TITANIUM SCREWS	
PART	CODE
5.2mm x 15mm for shoulder and ankle	F315215
5.2mm x 30mm	F315230
5.2mm x 20mm	F315220
4.7mm x 15mm	F314715
TITANIUM SCREWS	
10mm x 30mm	F111030
9mm x 45mm	F110945
9mm x 40mm	F110940
9mm x 30mm	F110930
9mm x 25mm	F110925
8mm x 45mm	F110845
8mm x 40mm	F110840
8mm x 30mm	F110830
8mm x 25mm	F110825
7mm x 40mm	F110740
7mm x 30mm	F110730
7mm x 25mm	F110725
6mm x 60mm	F110660
6mm x 50mm	F110650
6mm x 40mm	F110640
6mm x 30mm	F110630
6mm x 25mm	F110625
COBALT CHROME STAPLES	
10mm x 20mm	G201020
8mm x 20mm	G200820
6mm x 20mm	G200620



Ti screw



Screw



CoCr staple

Instrumentation sets

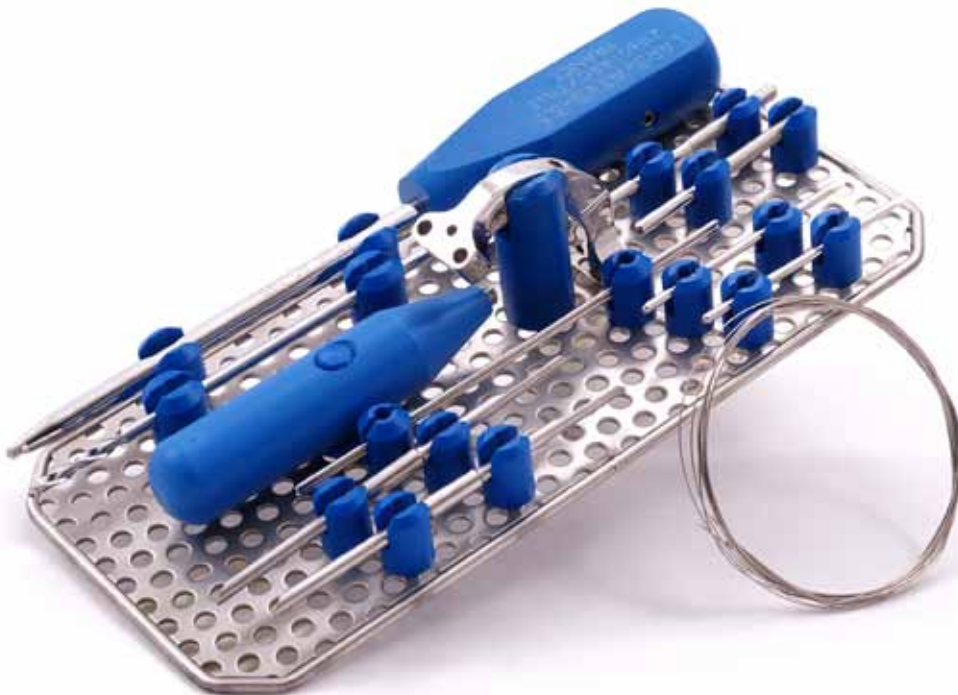
ACROMIOCLAVICULAR	
PART	CODE
Instrument set	AACR02
Box	U01511
Tray with supports	D24001
Guide	B24000
Drift	D03002
Wire-passer cannula - with wire loop	D03001 - 05
Drill guide	D03003
Drill bit \varnothing 4.5 x 150mm	U01101
Drill bit \varnothing 3.5 x 150mm	U01110
K-wire \varnothing 2 x 150mm (blunt ends)	U01017
Wire loop (x 2)	U014011
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35

AACR02



ROTATOR CUFF	
PART	CODE
Instrument set	ACR03
Box	U01511
Tray with supports	D29001
Body	B29001
Handle	B29002
Guide ø 4.5mm (x 2)	C29001
Wire loop passing cannula ø 4.5mm (x 2)	C29002
Drill bit ø 4.5 x 150mm	U01101
K-wire ø 2 x 150mm (blunt ends)	U01017
K-wire ø 3 x 80mm 1 trocar end (x 2)	U01021
Wire loop (x 2)	U014011
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35

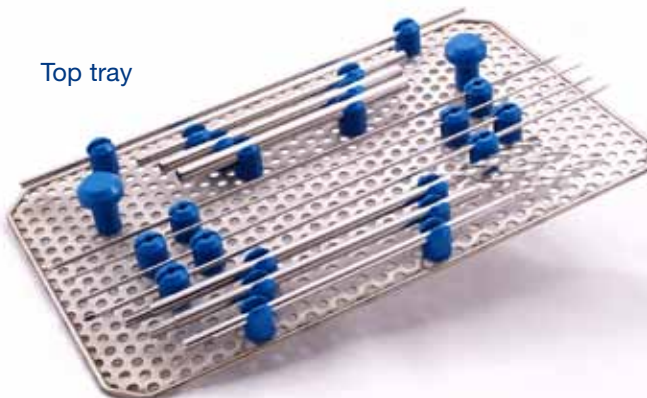
ACR03



ANTERIOR CRUCIATE LIGAMENT - ALCA - AI (All inside)	
PART	CODE
Instrument set	ALCA - AI
Box	U01504
Upper tray with supports	D25001
Lower tray with supports	D25002
Adjustable guide	AVM01
Femoral guide	C26001
Tibial guide	C26002
Carrier handle for inter-changable reamers with locking serrated roller	B25001
Reamer with blade \varnothing 7mm	B25004
Reamer with blade \varnothing 8mm	B25005
Reamer with blade \varnothing 9mm	B25006
Lock	B25007
Half cylinder guide for reamers	C25005
Wire loop passing cannula \varnothing 4mm	C25006
Drill bit guide \varnothing 4.2mm	C25009
K-wire guide \varnothing 2.2mm	C25010
Ligament puller	U02456
Cannulated drill bit 4.2 x 250mm Int. \varnothing 2.1mm	U01162
K-wire \varnothing 1.5 x 330mm blunt ends	U01019
K-wire \varnothing 2 x 250mm 2 trocar ends	U01003
Wire loop (x6)	U014011
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35
Ligament cutter	ACPL02

Anterior cruciate set ALCA - AI

Top tray



Bottom tray



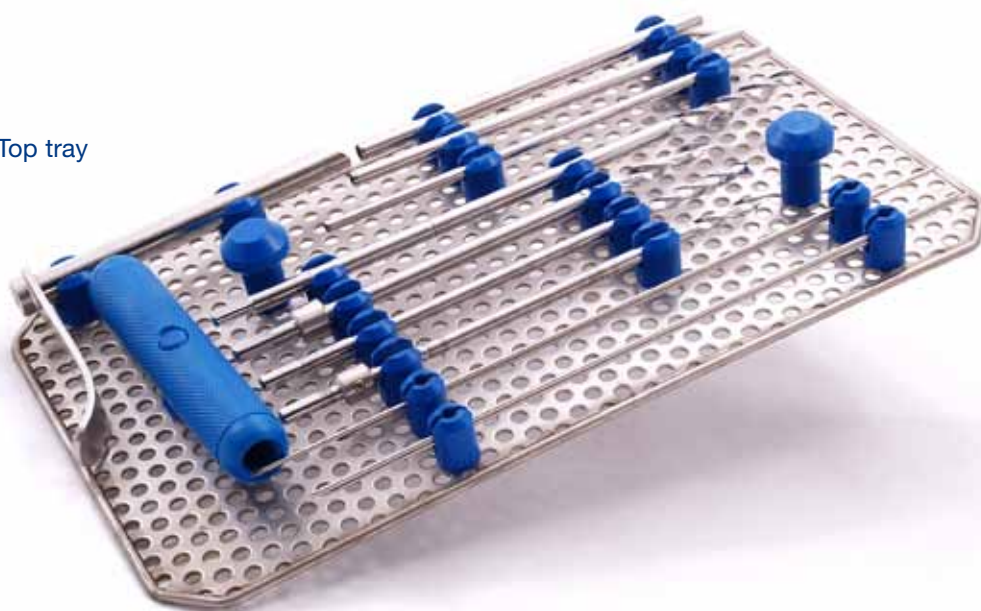
ANTERIOR CRUCIATE LIGAMENT - ALCA02	
PART	CODE
Instrument set	ALCA02
Box	U01504
Upper tray with supports	D16019
Lower tray with supports	D16020
Tibial guide	ATAC01
Femoral guide	AFAC01
Drift	U01201
Telescopic tube Length 160mm	U01253
Telescopic tube Length 180mm	U01252
Telescopic tube Length 300mm	U01254
Cannula for tibial drilling	U01302
Telescopic tube Length 140mm	U01304
Ligament puller	U02456
Cannulated drill bit \varnothing 6 x 250mm Int. \varnothing 2.7mm	U01152
Cannulated drill bit \varnothing 7 x 250mm Int. \varnothing 3.2mm	U01153
Cannulated drill bit \varnothing 7.5 x 250mm Int. \varnothing 3.2mm	U01154
K-wire \varnothing 2 x 250mm blunt ends - screw guide	U01004
K-wire \varnothing 2.5 x 250mm 2 trocar ends	U01005
K-wire \varnothing 3 x 150mm 1 trocar end	U01006
K-wire \varnothing 2 x 350mm blunt ends	U01008
K-wire \varnothing 3 x 330mm 2 trocar ends	U01009
Needle with eye \varnothing 1.5 x 330mm (x 2)	U01453
Cannula for needle	U01351
Wire loop (x 6)	U014011
Ligament cutter	ACPL02
Hexagonal screwdriver 3.5mm, length 250mm	ATVS35

ANTERIOR CRUCIATE LIGAMENT - ACLA03	
PART	CODE
Instrument set	ALCA03
Box	U01504
Upper tray with supports	D26001
Lower tray with supports	D26002
Adjustable guide	AVM01
Femoral guide	C26001
Tibial guide	C26002
K-wire guide Est. \varnothing 7.4mm Int. \varnothing 3.2mm	C26003
Cannulated drill bit \varnothing 6 x 250mm Int. \varnothing 2.7mm	U01152
Cannulated drill bit \varnothing 7 x 250mm Int. \varnothing 3.2mm	U01153
Cannulated drill bit \varnothing 5 x 250mm Int. \varnothing 3.2mm	U01154
Telescopic tube Length 300mm	U01254
Telescopic tube Length 180mm	U01252
Telescopic tube Length 160mm	U01253
Telescopic tube Length 150mm	U01256
Telescopic tube Length 140mm	U01304
Cannula for needle	U01351
Needle with eye \varnothing 1.5 x 330mm (x 2)	U01453
Ligament puller	U02456
K-wire \varnothing 2 x 330mm blunt ends	U01018
K-wire \varnothing 2.5 x 330mm 2 trocar ends	U01020
K-wire \varnothing 3 x 330mm 2 trocar ends	U01009
Wire loop (x 6)	U014011
Ligament cutter	ACPL02
Hexagonal screwdriver 3.5mm, length 250mm	ATVS35

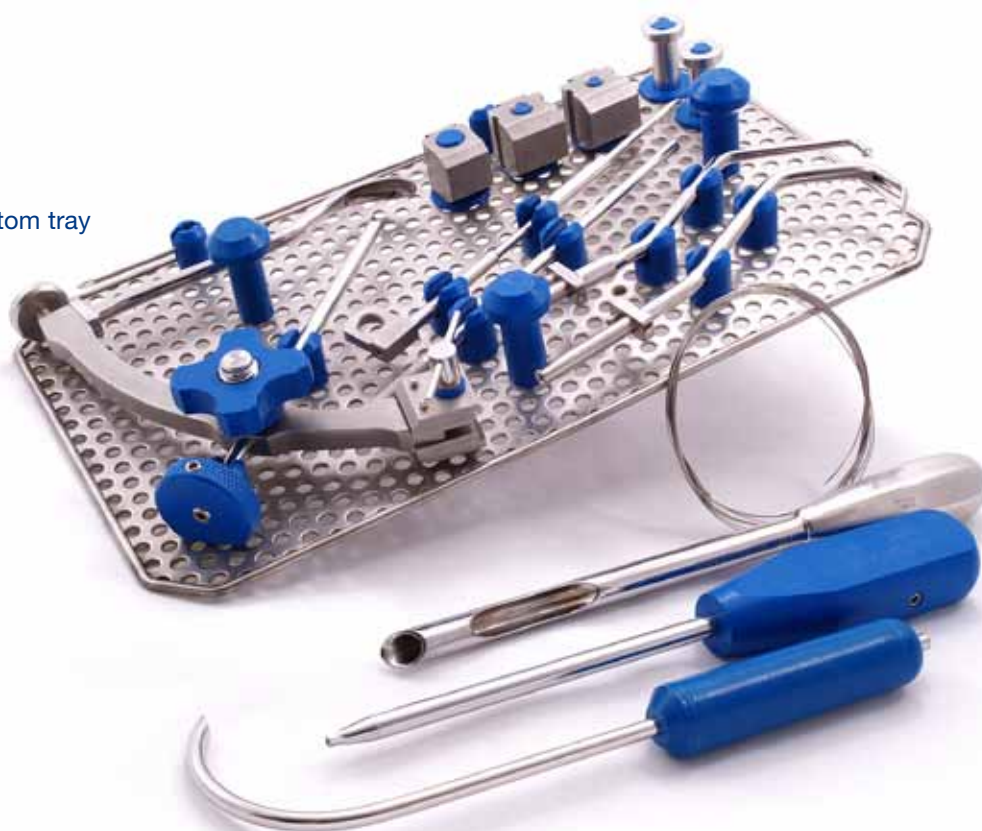
POSTERIOR CRUCIATE LIGAMENT	
PART	CODE
Instrument set	ALCP02
Box	U01504
Upper tray with supports	D21030
Lower tray with supports	D21031
Guide	B21001
Handle	C21003
Retro tibial spatula	C21016
Smooth Jaw	C21006
Thread Jaw	C21007
Fixation stem	C21011
K-wire \varnothing 3 x 250mm, 1 trocar end for guide tibial fixation	U01015
Postero-externe hook	C21014
Femoral hook	C21017
Drill guide \varnothing 6mm	D21003
Drill guide \varnothing 7.5mm	D21004
Drill guide \varnothing 12mm	D21005
Drill bit guide Int. \varnothing 10mm	D21008
Drill bit guide Int. \varnothing 8mm	D21009
Curved wire-passer cannula	D21011
7.5 reduction for curved wire-passer cannula	D21012
Wire loop passing cannula for PLI (\varnothing 6mm)	D21014
Hook wire-passer (PPLY)	D21013
Drill bit \varnothing 7.5 x 200mm, with spike and stopper (D01010)	U01112
Drill bit \varnothing 6 x 200mm, with spike and stopper (D01011)	U01103
Cannulated drill bit 6 x 200mm Int. \varnothing 2.2mm	U01151
Cannulated drill bit 7.5 x 250mm Int. \varnothing 2.2mm	U01159
Telescopic tube Length 140mm	U01304
Telescopic tube Length 200mm	U01251
Telescopic tube Length 180mm	U01252
Telescopic tube Length 160mm	U01253
Ligament puller	U02456
K-wire \varnothing 2 x 250mm 2 trocar ends	U01003
K-wire \varnothing 2 x 250mm 2 blunt ends	U01004
Wire loop (x 6)	U014011
Ligament cutter	ACPL02
Hexagonal screwdriver 3.5mm, length 250mm	ATVS35

Posterior cruciate set
ALCP02

Top tray



Bottom tray



ACHILLES TENDON	
PART	CODE
Instrument set	AACH01
Box	U01511
Tray with supports	D20001
Trocar point	B20001
Drift	C21001
Cannula	C20002
K-wire \varnothing 2 x 250mm blunt ends (x2)	U01004
Drill bit \varnothing 6 x 200mm	U01107
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35

AACH01



LATERAL COLLATERAL LIGAMENT	
PART	CODE
Instrument set	ALLE01
Box	U01511
Tray with supports	D33001
K-wire \varnothing 2 x 250mm bunt ends (x 2)	U01004
Drill bit \varnothing 4.5 x 150mm	U01101
Drill bit \varnothing 5 x 150mm	U01109
Wire loop (x 2)	U014011
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35

ALLE01



MEDIAL COLLATERAL LIGAMENT	
PART	CODE
Instrument set	ALLI01
Box	U01511
Tray with supports	D32001
Wire loop passing cannula ø 4mm	C25006
K-wire ø 2 x 250mm blunt ends (x 2)	U01004
Drill bit ø 5 x 150mm	U01109
Wire loop (x 2)	U014011
Ligament staple holder	AIAG01
Hexagonal screwdriver 3.5mm, Length 250mm	ATVS35
Staple extractor	AEA901
Staple impactor	D11008
Ligament cutter	ACPL02
Canula	C25006

ALLI01



LATERAL ANKLE SET	
PART	CODE
Box	U01511
Tray with supports	D24001
Hexagonal screwdriver 3.5mm, length 250mm	ATVS35
Canulated drill ø 6mm	U01151
Wire loop (Pack of five)	U014011
K-wire ø 2 x 250mm - trocar ends (x2)	U01003
K-wire ø 2 x 250mm - blunt ends (x2)	U01004
Ligament puller	U02456
Canulated drill ø 4.2 x 250mm	U01162
Canulated drill ø 5 x 150mm	U01109

LARS PATELLA TENDON/ QUADS/ TUMOUR LIGAMENT	
PART	CODE
Box	U01511
Tray with supports	D24001
Hexagonal screwdriver 3.5mm, length 250mm	ATVS35
Canulated drill ø 6mm	U01151
Wire loop (Pack of five)	U014011
Staple impactor	AIAG01
K-wire ø 2 x 250mm - trocar ends (x2)	U01003
K-wire ø 2 x 250mm - blunt ends (x2)	U01004
Canulated drill ø 5mm x 150mm	U01511
Canulated drill ø 4.2mm x 250mm	D24001

LARS

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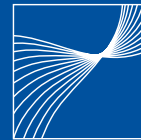
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