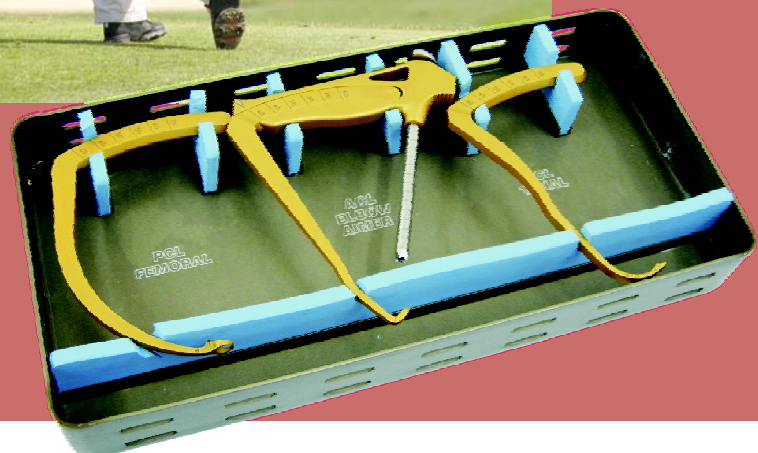




No.1 & GROWING
NARANG MEDICAL LIMITED
ISO 9001:2000, ISO 13485:2003, CE & WHO:GMP Compliance

□ ACL/PCL RECONSTRUCTION SYSTEMS



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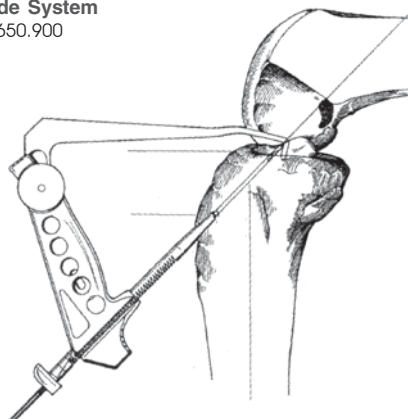
ACL/PCL RECONSTRUCTION SYSTEM

Profile:

- A rigid and accurate guide designed for easy, single-handed placement.
- Rigid design with calibrated tip resulting in consistent, accurate guide-wire placement.
- Broad face of tip easily passes through notch and provides a means of protecting posterior capsule during guide wire drilling.
- Four sharp points for the bullet helps in securing engagement of the ACL guide at any angle.
- Accurate reproducible placement and drilling of tibial and femoral tunnels during single incision ACL reconstruction.
- Works on bone-tendon-bone and other grafts.
- ACL elbow aimer used for drilling when the ACL stump is not detached from the tibial end.
- PCL tibial aimer provides a mean of protecting posterior capsule during guide wire drilling.
- PCL femoral aimer helps in accurate guide work placement. The hoop tip provides a visual reference for the diameter of the fully reamed tunnel thus helping avoid tunnel encroachment on the articulated surface.



ACL/PCL Guide System
Code No.: 650.900



PCL Femoral Aimer
Code No.: 650.901



ACL Elbow Aimer
Code No.: 650.905



PCL Tibial Aimer
Code No.: 650.910



ACL SCREWS

Length in mm	(Diameter) Stainless Steel		
	7 mm	8 mm	9 mm
20	630.07-20	630.08-20	630.09-20
25	630.07-25	630.08-25	630.09-25
30	630.07-30	630.08-30	630.09-30
35	630.07-35	630.08-35	630.09-35

Length in mm	(Diameter) TITANIUM		
	7 mm	8 mm	9 mm
20	Ti-630.07-20	Ti-630.08-20	Ti-630.09-20
25	Ti-630.07-25	Ti-630.08-25	Ti-630.09-25
30	Ti-630.07-30	Ti-630.08-30	Ti-630.09-30
35	Ti-630.07-35	Ti-630.08-35	Ti-630.09-35

Indication:

For use of cruciate reconstruction when using hamstring or patellar tendon grafts. The screws have blunt threads which protect the grafts from laceration.

The round head screws reduces the stress in the graft as it exits the femoral end.



ACL BUTTON - TITANIUM

Size: 4mm x 12mm

Code No.: 650.001

Profile:

- i Endoscopic femoral soft tissue fixation device.
- i Titanium button to be used for single incision.
- i Eliminates graft laceration.
- i Ideal for bi-socket technique.



SPIKE WASHERS - TITANIUM

Code No.	Size mm
650.030	17
650.035	21

Profile:

The spike washer is an implant specifically designed to secure soft tissue tendons to Cortex bone. It is primary function is for securing doubled loop graft onto the tibial cortex.



SUTURE WASHERS - TITANIUM

Code No.	Size mm
650.020	15
650.022	17

Profile:

Used for fixating grafts with sutures



ANCHOR SCREW - TITANIUM

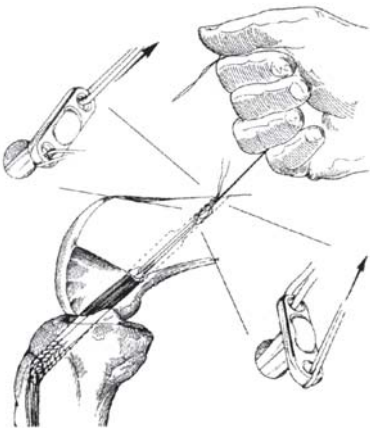
Code No.	Size mm
650.160	3
650.162	5



ACL/PCL RECONSTRUCTION SYSTEM

Code No.	Description
650.191	Graft Board

- Profile:
- Ideal board for graft preparation
 - It has the facility for cutting the graft to the desired length.
 - Tensioning post is ideal for pre-tensioning grafts when using the ACL button.
 - Fully autoclavable.
 - Scale marking is provided.
 - Proper Holding of ACL Button.



TROCAR TIP PASSING PINS STAINLESS STEEL

Code No.	Size
650.230	2.4mm x 28cm
650.232	2.4mm x 43cm

- Profile:
- With eyelet for suture passage.



Code No.	Description
650.490	ACL Screw Driver



CRUCIATE GUIDE WIRES - STAINLESS STEEL Code No.: 650.205

- Profile:
- To be used with cruciate guides and cannulated drill bits Sizes: 2.4mm (dia) x 25 cm (l)





FLOWER TIP REAMER - STAINLESS STEEL

Code No.	Size mm
650.400	6
650.402	7
650.404	8
650.406	9
650.408	10
650.410	11
650.412	12

Profile:

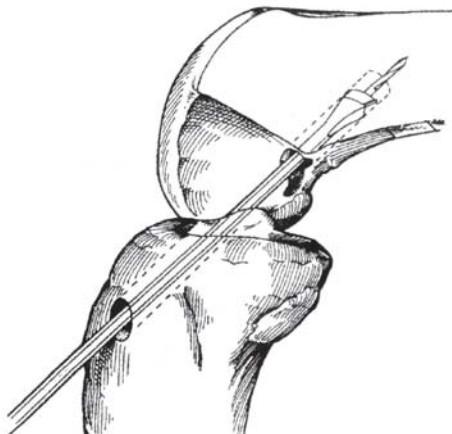
- i Made from virgin material.
- i Two cutting edge.
- i Flower tip shaped Long lasting edge for easy drilling of tibial and femoral tunnel.
- i Cannulated and marked at regular intervals for easy reference.

ENDOSCOPIC DRILL STAINLESS STEEL

Code No.	Size mm
650.450	6
650.452	7
650.454	8
650.456	9
650.458	10
650.460	11
650.462	12

Profile:

- i Made from virgin material.
- i Cannulated and marked at regular intervals for easy reference.



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TENDON STRIPER - STAINLESS STEEL

Code No.	Size
650.150	5 mm x 12 inch
650.153	6 mm x 12 inch
650.157	7 mm x 12 inch

Profile:

- i Open & close with Sharp edge.
- i Used for semitendinosus and gracilis graft harvesting.





ACL/PCL RECONSTRUCTION SYSTEM

Code No.	Description
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650.200 Suture Retriever - Stainless Steel

Profile:

- Used for passing or retrieving sutures through instrumentation with cannulations of 1.5mm or longer.
- Used in conjunction with isometric positioning, isotac drivers, buttons and passing pins.
- Autoclavable.



**BONE TUNNEL PLUGS
POLYACETAL**

Code No.	Description
650.190	Cannulated
650.192	Non-Cannulated

Profile:

- Non-sterile.
- Fits (7-8mm, 9-10mm, 10-11mm, 11-12mm, 13-14mm) tunnels.

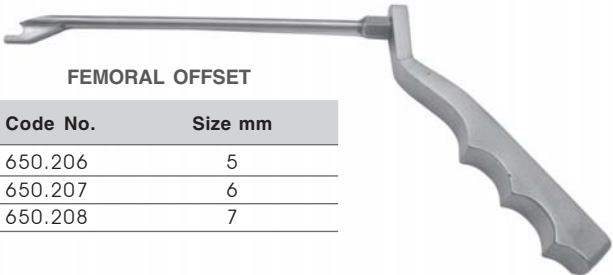
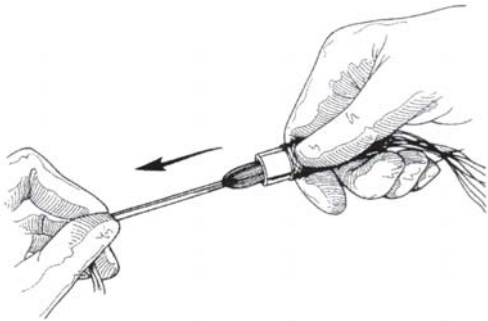


**SIZING TUBES
STAINLESS STEEL**

Code No.	Size
650.106	6 mm
650.107	7 mm
650.108	8 mm
650.109	9 mm
650.110	10 mm
650.111	11 mm
650.112	12 mm

Profile:

- Used with ACL & PCL Drill Guide Systems to size the Graft for Precise Tunnel interface.



FEMORAL OFFSET

Code No.	Size mm
650.206	5
650.207	6
650.208	7

**SHAVER SYSTEM**

Code No.: 650.605

Profile:

The shaver system offers unmatched power and cutting power and precise control of blade speed from an ergonomically design foot-switch. Multiple hand-piece option are available for arthroscopy and endoscopic sinus surgery procedures. There are many state-of-the art blade designs straight, curved, rotating, mini & irrigating for tissue resection and burrs for more efficient bone debridement. When used along with the Arthromat fluid management system and camera the operative field is clear and details well visualized.

- ï Speed range 500-3500 RPM.
- ï Online setting allows online increase and decrease of set speed.
- ï Variable modes forward, reverse & oscillating modes.
- ï Attached blades easy blade fitting and removing in the hand piece.
- ï Foot switch foot switch easy foot control in variable blade modes (forward, reverse & oscillating).
- ï Shaver hand piece with cord fully autoclavable.
- ï Suction control inbuilt in hand piece.
- ï Power supply 230V (AC) / 50 Hz +/- 10%.
- ï In built voltage control rectifier.
- ï Inbuilt safety fuse.
- ï Electric shock-proof handle.

Accessories:

- ï Machine, Blades, Hand Piece.
- ï Foot switch, Tubing set, inflow outflow cannula.
- ï Brush set, Cleaning oil, Power cord & Fuse.





PULSE LAVAGE SYSTEM



PULSE LAVAGE SYSTEM

Code No.: 650.600

Profile:

- Irrigation pressure can be electronically controlled.
- Autoclavable and reusable tubes of medical grade silicone. Disposable Single Use tubes can also be provided on request.
- Complete sterility of system is maintained.
- Easy loading of tubes in the machine.
- Efficient peristaltic pump.
- Pulse rate digital.
- Water resistance display.
- Simple on/off switch.
- Foot control operated machine.
- Pre-set features.
- Four types of irrigation possible.
- Shower spray for cancellous bone preparation, trauma, soft tissues debridement & general irrigation.
- Femoral tip for aggressive femoral debridement.
- Single stream tip for wider stream & general irrigation.
- Shower for dual purpose irrigation & suction along with special cup type anti-splash shield.
- Inbuilt safety fuse.
- Roller motor (1/16 hp or less).
- Multiple bottles with constant force.
- In built voltage control rectifier.
- Power supply 230V (AC) / 50Hz +/- 10%.

