## Procedure:
### ACL Reconstruction using 4 Strand Hamstring

### Sets:
- Arthroscopy set
- S&N Ultralight shaver and foot pedal
- S&N RCI ACL Hamstring set with tendon size tubes & RCI ACL drills with passing pins.
- *Linvatec Tendon Harvester: 8750*
- Drill Reamer
- Nitrol 25 dia guide wires & range of both Biointrafix and Malagro Screws (Mitek, J&J)
- S&N Endo Button range*
- Minor Ortho set*

### Extras:
- Long 4.8mm Orthofix tipped drill bit
- Pitutary rongeur
- Pliers
- S&N drill tip passing pin (Beath)7208678 x 1
- Incisor shaver blades (Smith & Nephew)
- - 3.5 incisor - 7205312
- - 4.5 incisor - 7205345
- - 5.5 Incisor (S&N)
- Milagro screw–femur (Mitek, J&J)
- Bio-Intrafix–tibia (laminated size graphs Mitek, J&J)
- 30 ml syringe
- 21G Green needle
- Filter needle
- [Arthrocare Ambient - Super Multivac 50](ASHA4830-01)
- Disposafe Plus Sharps mat. (Amba Medical Ref. 9F-1001)
- Mr Hardy’s Long hooked awl
- Y-giving set w/pump (ref# 1361000)

### Swabs:
- Small x 1

### Blades:
| No. 10 | x 1 |
| No. 11 | x 1 |
| No. 15 | x 1 |

### Drapes:
- *Molnlycke Adhesive Split Sheet: 2790*
- Camera Drape (Amba, Clinicon Ref. ECN 150-250)
- *Molnlycke Knee Arthroscopy Drape with Pouch: 60104 or ProcedurePak®*
- *Molnlycke Drape adhesive sterile Op-towel light 90 x 75cm (narrow adhesive) : 792600*
- Vermed 150mm Cotton Stretch Bandage BP: 28404

### Theatre Set-up:
- Supine with lateral support level with lower edge of tourniquet and by patient’s thigh (Eschmann Rectangular Lateral Support Kit: TA-020-1056)
- Heel gel support contralateral limb
- Black roll foot support

### Sutures:
- 5 Ethibond 4646 x 1
- 2 Vicryl 9246 x5 (Whip stitch)
- 0 Vicryl 9138 x 1 (fat)
- 1 Ethilon 748 x1 (Black needle cut off)
- 3/0 undyed Vicryl 9581 x1(s/c)
- Steristrips 12x100 mm (3M)

### Pharmacy:
- 20ml 0.5% Bupivicaine with 1:200,000 Adrenaline S/C
- Antibiotics
- Warm 3L Saline x2
- *Arthrocare Arthroclear Flushing Set (Double Spike) REF: 04-1005*

### General Information:
- Always recorded for the patient in video and stills
- Input Mr. J. Hardy M.D for still image labels
- Clear video and images files for next patient after recording
- Medical Students and guests observe from outside of laminar flow enclosure

*Standby
**Ask First
(S&N) = Smith & Nephew
(J&J = Johnson& Johnson)