Wednesday

Section A: Basic Surgical Techniques

08:00-08:30 Registration – Department of Surgery

08:30-08:40 Introduction and statement of aims by convener. All participants and faculty introduce themselves to the group.

08:40-09:00 Theatre safety (Principles of safe surgery). Safe use of instruments

08:40-08:50 Principles of safe surgery. Avoiding injury. Gowning and gloving (practical optional)

08:40-09:15 Principles of safe surgery and instruments. Scalpel needle holder, scissors, etc. Correct and safe handling of scalpel, scissors, dissection forceps, haemostats, needle holders, needles etc.

09:15-10:15 Knot tying – two handed, one handed and instrument

10:15-10:45 Faults in knots. Surgeons knot (two handed, one handed, instrument)

10:45-11:05 T E A

11:05-11:30 Slip knots. Correct formation and tightening on the surface and at depth

Suturing techniques and the art of assisting

11:30-12:15 Straight incision and elliptical incision on trotters. Interrupted sutures

12:15-12:40 Continuous sutures: the art of assisting

12:40-13:10 Horizontal and vertical mattress sutures, subcuticular sutures. Elliptical biopsy, undermining and suture closure

1310-13:50 L U N C H

Handling Tissue, Haemostasis, Lymph node dissection and Bowel anastomosis

13:50-14:20 Demonstrate and practice clip and ligature, isolate vessel, doubly ligate in continuity and divide vessels in small bowel mesentery; pedicle ligation

14:20-14:50 Lymph node dissection

Continuous suture technique-small bowel (optional – if time allows)
Suture anastomosis end to side on non-rotatable bowel
TEA
TEA
Discussion and feedback

Thursday
Section A: Basic Surgical Techniques (continued)
Aberdeen knot (use for completion of abdo wall closure) and abdominal wall closure video
Vascular
Handling vessels. Vascular anastomosis: arteriotomy and closure.
TEA
Vein patch
Principles of debridement and tendon repair
Principles of drainage and debridement
LUNCH
Tendon repair (Specialist suture technique) Kessler technique
TEA
Fracture management
Video on fracture management. Principles of reduction and stabilisation. Emphasize essentials of a good plaster ability to move thumb, good circulation, flex M-P joints, no pressure in cubital fossa. Three point fixation.
Full plaster and splitting
Discussion and feedback

Friday
Section C: Minimal Access Surgery
Introduction to minimal access surgery
Introduction to equipment and access
Safe induction and maintenance of the pneumo peritoneum
Insertion of ports
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<tr>
<th>Time</th>
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<tr>
<td>10:30-10:45</td>
<td>TEA</td>
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<tr>
<td>10:45-12:00</td>
<td><strong>Instrumentation and video endoscopic dexterity skills</strong></td>
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<td>10:45-11:15</td>
<td>Introduction to basic instrumentation.</td>
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<td>Transferring from galley pots and elastic band placement</td>
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<td>11:15-12:00</td>
<td>Exercise – cut out circle from glove</td>
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<td>12:00-13:00</td>
<td><strong>Clipping, cutting and ligating</strong></td>
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<td>13:00-13:45</td>
<td>LUNCH</td>
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<td>13:45-15:30</td>
<td><strong>Principles and hazards of diathermy</strong></td>
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<td>13:45-14:10</td>
<td>Video on diathermy</td>
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<td>14:10-15:30</td>
<td>Diathermy skills on chicken thigh</td>
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<td>15:30-16:00</td>
<td><strong>Closure</strong></td>
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