## Definitive Anesthesia Trauma Care Course
### Anesthesia to Major Trauma and Damage Control Care

### Program

<table>
<thead>
<tr>
<th>DSTC</th>
<th>DATC</th>
<th>Time (minutes)</th>
<th>Topics in DATC</th>
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</thead>
<tbody>
<tr>
<td>0730 – 0750</td>
<td>Registration</td>
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<tr>
<td>0750 – 0800</td>
<td>Welcome and introduction</td>
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<tr>
<td>0800</td>
<td>Course overview / Decision making</td>
<td>30</td>
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<tr>
<td></td>
<td>Damage control</td>
<td>35</td>
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<tr>
<td></td>
<td>Resuscitation Endpoints</td>
<td>20</td>
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<tr>
<td></td>
<td>Fluid Resuscitation</td>
<td>20</td>
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<td></td>
<td>Massive haemorrhage</td>
<td>25</td>
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<td></td>
<td>Infection in trauma</td>
<td>25</td>
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<td></td>
<td>Nutrition in trauma</td>
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<td></td>
<td>Pediatric trauma</td>
<td>15</td>
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<tr>
<td></td>
<td>Surgical skills: ethics &amp; briefing</td>
<td>15</td>
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<tr>
<td>1220 - 1240</td>
<td>Damage Control Anesthesia</td>
<td>20</td>
<td>Principles; Goals; Timing to switch to Damage Control Mode</td>
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<tr>
<td>1240 - 1300</td>
<td>General Anaesthesia in trauma</td>
<td>20</td>
<td>Anesthetic drugs in instable patient; Succinicoline; Ketamine, Etomidate, Sevofurane, etc.</td>
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<tr>
<td>1300 - 1400</td>
<td>Lunch</td>
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<tr>
<td>1400 - 1500</td>
<td>Airway management in trauma</td>
<td>20</td>
<td>Cervical Spine injury ; Cervical Blunt Trauma; Cervical Penetrant Trauma; Maxilo facial injuries</td>
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<td>Ventilation in trauma</td>
<td>20</td>
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<td>Lung Isolation in trauma</td>
<td>20</td>
<td>Isolation and one lung-ventilation</td>
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<tr>
<td>1500 - 1545</td>
<td>Venous access</td>
<td>20</td>
<td>Echographic puncture; High infusion catheters; Infusion devices; Choice of puncture site</td>
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<td></td>
<td>Temperature</td>
<td>15</td>
<td>Monitoring; Fluids warmers; Patient warmers</td>
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<td></td>
<td>Monitoring</td>
<td>20</td>
<td>TEE, PTC, Cardiac Output Monitoring</td>
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<tr>
<td>1545 - 1615</td>
<td>Transfusion I</td>
<td>20</td>
<td>Fluids: cristaloids, coloids 10 min; Massive transfusion: blood components 10 min; Pharmacologic agents 10 min; Point-of-care coagulation devices 10 min; Anticoagulants and trauma surgery 10 min</td>
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<tr>
<td>1645 - 1730</td>
<td>Transfusion II</td>
<td>45</td>
<td>Fluids: cristaloids, coloids 10 min; Massive transfusion: blood components 10 min; Pharmacologic agents 10 min; Point-of-care coagulation devices 10 min; Anticoagulants and trauma surgery 10 min</td>
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<tr>
<td>1730 - 1845</td>
<td>Damage Control Surgical Procedures for the Anesthesiologist</td>
<td>75</td>
<td>Trauma laparotomy 10 min; Liver trauma 10 min; Pancreatic and duodenal trauma 10 min; Splenic trauma 10 min; Genito-urinary trauma 10 min; Pelvic trauma and Pelvic fixation 10 min</td>
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<tr>
<td>1845 - 1900</td>
<td>Vasoactive drugs in trauma</td>
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<td>Timming to start; Best choice</td>
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<tr>
<td>Time</td>
<td>Topic</td>
<td>Duration</td>
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<tr>
<td>0800</td>
<td>Cervic mediastinal trauma</td>
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<td>Thoracic trauma</td>
<td>30</td>
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<td>Pericardial window</td>
<td>15</td>
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<td>Cardiac &amp; lung repair</td>
<td>25</td>
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<td>1000 - 1025</td>
<td>Case Presentation</td>
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<tr>
<td>1055 - 1115</td>
<td>Head trauma</td>
<td>20 min</td>
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<td>1115 - 1135</td>
<td>Cardiac Trauma</td>
<td>20 min</td>
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<td>1135 - 1155</td>
<td>Chest Trauma</td>
<td>20 min</td>
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<tr>
<td>1155 - 1215</td>
<td>Critical Care I –</td>
<td>20 min</td>
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<tr>
<td>1215 - 1235</td>
<td>Critical Care II –</td>
<td>20 min</td>
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<tr>
<td>1330</td>
<td>Simulation</td>
<td>120</td>
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<td>Tromboelastography in Trauma</td>
<td>60</td>
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<td>Ecografic Venous Access</td>
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<td>Lung Isolation</td>
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<tr>
<td>1745</td>
<td>Closure</td>
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