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| **Clinical Education Program**  **Phase 2 / Year 4**  **2021-2022**  **Group 3**  **Surgical Diseases & İnvasive Application Clerkship Program** | | |
| **Coordinator of Clerkship Program**  Assoc. Prof. M. Ümit UĞURLU | | |
| **Coordinator of Year 5**  Prof. Özge Keniş Coşkun | | |
| **Vice Coordinator of Assessment**  Prof. Hasan Raci Yananlı |  | **Vice Coordinator of Student Affairs**  Assist. Prof. Can Erzik |
| **Chief Coordinator of Clinical Education**  Prof. Dilek İnce Günal | | |
| **Co-Coordinator of Medical Education Program Evaluation and Development Commission**  **(Undergraduate Program)**  Prof. Harika Alpay | | |
| **Vice Deans**  Prof. Hasan Raci Yananlı Prof. A. Altuğ Çinçin | | |
| **Dean**  Prof. Ümit S. Şehirli | | |

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| **COORDINATOR DEPARTMENTS** | **SUPPORTER DEPARTMENTS** |
| General Surgery | Orthopedics & Traumatology |
| Anesthesiology & Reanimation | Pediatrics |
| Cardiovascular Surgery | Üroloji / Urology |
| Thoracic Surgery | Neurosurgery |
| Plastic And Reconstructive Surgery |  |
| Emergency Medicine |  |
| Child Surgery |  |
| **COMMON DEPARTMENTS FOR ALL PROGRAMS** | |
| Radiology / Medical Pathology / Rad. Oncology / Nuclear Medicine | |
| **LEARNING OBJECTIVES of CLERKSHIP PROGRAM** | |
| • Analyzing problems, understanding decision making and problem solving processes by Integrating knowledge related with surgical disorders in pediatric and adulth periods. | |
| • Gaining competencies in basic clinical and invasive skills | |
| • Understanding patient, disease and health care process management | |
| • Effective communication with patients, their relatives and health team; being open to collaboration and team work | |
| • Taking care of professional, societal and individual values, and develop behaviors accordingly | |
| • Taking care of patient and public benefit in medical practices by critical appraisal of the health systems and health policies | |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A September13-17** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  |  | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD |
| 09:10  10:00 | Önlük Giyme Töreni ve Oryantasyon | **Introduction and orientation**  General Surgery  Umit Ugurlu, MD | **Lecture**  Patient monitoring  Ruslan Abdullayev, MD | **On-the-job learning and assessment session**  **General Surgery** | **Lecture**  Acute Appendicitis  Cumhur Yeğen, MD |
| 10:10  11:00 | **Introduction and orientation**  Anesthesiology  Ayten Saracoglu, MD | **Lecture**  Airway management  Ayten Saraçoğlu, MD | **Lecture**  Intestinal obstruction and perforation  Cumhur Yeğen, MD |
| 11:10  12:00 |  | **Lecture**  Pre-operative evaluation and preperation  Kıvılcım Uprak, MD | **Lecture**  Preoperative assessment, regional anesthesia and local anesthetics  Meliha Orhon, MD | **Lecture**  Metabolic answer to trauma  Ömer Günal, MD | **Lecture**  Wound Healing  Kıvılcım Uprak, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 |  | **On-the-job learning and assessment session**  **General Surgery** | **Clinical Tutorial**  Abdominal Pain  **Cumhur Yeğen, MD**  Tolga Demirbaş, MD | **On-the-job learning and assessment session**  **General Surgery** |  |
| 14:10-  15:00 | **Diagnostic procedures**  Radiologic evaluation of acute abdominal diseases  Kıvılcım Uprak, Rabia Ergelen, Canan Cimşit |
| 15:10-  16:00 |  |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A September20-24** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD |
| 09:10  10:00 | **Lecture**  Surgical site infections  Ali Emre Atıcı, MD | **On-the-job learning and assessment session**  **General Surgery** | **Diagnostic procedures**  Visceral Surgery  **Mumin Coskun, MD** | **Lecture**  Sepsis  İsmail Cinel, MD | **Lecture**  Acute abdomen differential diagnosis  Vafi Atalay, MD |
| 10:10  11:00 | **Lecture**  Acute pancreatitis  Tolga Demirbaş, MD | **Lecture**  Inhalational anesthetic agents  Ülgen Zengin, MD |
| 11:10  12:00 |  | **Lecture**  Thyroidal diseases  Surgical point of view  Umit Uğurlu, MD | **Lecture**  Shock  Ali Emre Atıcı, MD | **Lecture**  Muscle relaxant agents for anesthesia  Beliz Bilgili, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **Lecture**  Intravenous anesthetic agents  Tümay Umuroğlu, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  **General Surgery** | **On-the-job learning and assessment session**  **General Surgery** |  |
| 14:10-  15:00 | **Lecture**  Shock  Ali Emre Atıcı, MD | **Clinical Tutorial**  Gastrointestinal system bleeding  Kıvılcım Uprak, MD  Tolga Demirbaş , MD |
| 15:10-  16:00 |  |  |
| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/- GROUP 3A SEPT 27- 1 OCT** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD |
| 09:10  10:00 | **Lecture**  Peri-operative nutrition of the surgical patient  Ender Dulundu, MD | **Lecture**  Evaluation of breast in healthy and symptomatic women  Bahadır Güllüoğlu, MD | **Diagnostic procedures**  Breast and endocrine surgery  Ümit Uğurlu, MD  Onur Buğdaycı, MD | **Lecture**  Inguinal hernias  Asım Cingi MD | **On-the-job learning and assessment session**  **General Surgery** |
| 10:10  11:00 | **Lecture**  Brain death and organ transplantation  Ender Dulundu, MD | **Lecture**  Benign breast diseases  Bahadır Güllüoğlu, MD | **Lecture**  Abdominal wall hernias  Asım Cingi MD |
| 11:10  12:00 | **Lecture**  Management of liver masses  Ender Dulundu, MD | **Reflection session**  Bahadır Güllüoğlu, MD | **Lecture**  Malignant breast diseases  Ümit Uğurlu, MD | **Lecture**  Acute cholecystitis / cholangitis  Asım Cingi MD | **Lecture**  Arterial blood gas analysis  Ruslan Abdullayev,MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **On-the-job learning and assessment session**  **General Surgery** | **Lecture**  Pathology of breast lesions and tumors  Handan Kaya, MD | **On-the-job learning and assessment session**  **General Surgery** | **On-the-job learning and assessment session**  **General Surgery** |  |
| 14:10-  15:00 | **Lecture**  CPR  Alper Kararmaz, MD | **Lecture**  Benign Colorectal Diseases 1-2  Vafi Atalay, MD |
| 15:10-  16:00 |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A OCT 4-8** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 | **On-the-job learning and assessment session**  **General Surgery** | **On-the-job learning and assessment session**  Anesthesiology |  |  |  |
| 09:10  10:00 | **Clinical Tutorial**  Abdominal Pain  Cumhur Yeğen, MD  Tolga Demirbaş, MD | **Lecture**  Surgical diseases of the esophagus  Asım Cingi, MD | **Lecture**  Surgical management of gastric disorders Cumhur Yeğen, MD |
| 10:10  11:00 | **Lecture**  Complications in the early post-operative period and their management  Ali Emre Atıcı, MD |
| 11:10  12:00 |  | **Clinical Tutorial** Breast mass  Umit Uğurlu, MD | **Lecture**  Intravenous fluid therapy  Fethi Gül, MD | **Clinical Tutorial Obstructive jaundice**  Ender Dulundu, MD  Vafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **On-the-job learning and assessment session**  **General Surgery** | **Clinical Tutorial**  Morbid Obesity  Ömer Günal, MD | **Panel Discussion**  Management of Neuroendocrine Tumors  Pelin Bağcı, MD  Salih Özgüven, MD | **On-the-job learning and assessment session**  Anesthesiology |  |
| 14:10-  15:00 | **Lecture**  Malignant colorectal diseases 1-2  Vafi Atalay, MD |
| 15:10-  16:00 | **Midterm-evaluation**  Evaluation of clerkship program and the 2-week training process  Program Coordinators |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A OCT 11-15** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology |
| 09:10  10:00 | **Lecture**  Metabolic Answer to Trauma  Ömer Günal, MD |
| 10:10  11:00 | **Lecture** Abdominal trauma  Kıvılcım Uprak, MD |
| 11:10  12:00 | **Lecture**  Surgical diseases of the spleen and retroperitoneal masses  Tolga Demirbaş, MD |
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| 13:00-  14:00 | **On-the-job learning and assessment session**  Anesthesiology | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  Anesthesiology | **Lecture**  Pathology of the gastro- intestinal system tumors  Emine Bas, MD |  |
| 14:10-  15:00 | **Lecture**  Mesenteric Ischemia  Omer Gunal MD | **On-the-job learning and assessment session**  Anesthesiology |
| 15:10-  16:00 | **Diagnostic procedures**  Radiologic evaluation of acute abdominal diseases  Kıvılcım Uprak, Rabia Ergelen, Canan Cimşit |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ GROUP 3A OCT 18-22** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 | **On-the-job learning and assessment session**  Emergency Department | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology | **Preparation to the exam** | **EXAMINATION** |
| 09:10  10:00 |
| 10:10  11:00 |
| 11:10  12:00 |
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| 13:00-  14:00 | **Lecture**  Fluid and electrolyte treatment  Arzu Denizbaşı, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  Anesthesiology |
| 14:10-  15:00 | **Lecture**  Algorithms in abdominal  Trauma  Özge Onur MD |
| 15:10-  16:00 | **Lecture**  Emergency medical management of multi-trauma patient  A-B-C-D-E  Haldun Akoğlu,MD |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B September13-17** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  |  |  | **On-the-job learning and assessment session**  Anesthesiology |  |
| 09:10  10:00 |  | **Introduction and orientation**  General Surgery  Umit Ugurlu, MD | **Lecture**  Patient monitoring  Ruslan Abdullayev, MD | **Lecture**  Acute Appendicitis  Cumhur Yeğen, MD |
| 10:10  11:00 | **Introduction and orientation**  Anesthesiology  Ayten Saracoglu, MD | **Lecture**  Airway management  Ayten Saraçoğlu, MD | **Lecture**  Intestinal obstruction and perforation  Cumhur Yeğen, MD |
| 11:10  12:00 |  | **Lecture**  Pre-operative evaluation and preperation  Kıvılcım Uprak, MD | **Lecture**  Preoperative assessment, regional anesthesia and local anesthetics  Meliha Orhon, MD | **Lecture**  Wound Healing  Kıvılcım Uprak, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 |  | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology |  |
| 14:10-  15:00 | **Diagnostic procedures**  Radiologic evaluation of acute abdominal diseases  Kıvılcım Uprak, Rabia Ergelen, Canan Cimşit |
| 15:10-  16:00 |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B September20-24** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  | **On-the-job learning and assessment session**  Anesthesiology |  |  |  |
| 09:10  10:00 | **Lecture**  Surgical site infections  Ali Emre Atıcı, MD | **Diagnostic procedures**  Visceral Surgery  **Mumin Coskun, MD** | **Lecture**  Sepsis  İsmail Cinel, MD | **Lecture**  Acute abdomen differential diagnosis  Vafi Atalay, MD |
| 10:10  11:00 | **Lecture**  Acute pancreatitis  Tolga Demirbaş, MD | **Lecture**  Inhalational anesthetic agents  Ülgen Zengin, MD |
| 11:10  12:00 |  | **Lecture**  Thyroidal diseases  Surgical point of view  Umit Uğurlu, MD | **Lecture**  Shock  Ali Emre Atıcı, MD | **Lecture**  Muscle relaxant agents for anesthesia  Beliz Bilgili, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **Lecture**  Intravenous anesthetic agents  Tümay Umuroğlu, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology |  |
| 14:10-  15:00 | **Lecture**  Shock  Ali Emre Atıcı, MD | **Clinical Tutorial**  Gastrointestinal system bleeding  Kıvılcım Uprak, MD  Tolga Demirbaş , MD |
| 15:10-  16:00 |  |  |
| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/- GROUP 3B SEPT 27- 1 OCT** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  |  |  |  | **On-the-job learning and assessment session**  Anesthesiology |
| 09:10  10:00 | **Lecture**  Peri-operative nutrition of the surgical patient  Ender Dulundu, MD | **Lecture**  Evaluation of breast in healthy and symptomatic women  Bahadır Güllüoğlu, MD | **Diagnostic procedures**  Breast and endocrine surgery  **Ümit Uğurlu, MD**  **Onur Buğdaycı, MD** | **Lecture**  Inguinal hernias  Asım Cingi MD |
| 10:10  11:00 | **Lecture**  Brain death and organ transplantation  Ender Dulundu, MD | **Lecture**  Benign breast diseases  Bahadır Güllüoğlu, MD | **Lecture**  Abdominal wall hernias  Asım Cingi MD |
| 11:10  12:00 | **Lecture**  Management of liver masses  Ender Dulundu, MD | **Reflection session**  Bahadır Güllüoğlu, MD | **Lecture**  Malignant breast diseases  Ümit Uğurlu, MD | **Lecture**  Acute cholecystitis / cholangitis  Asım Cingi MD | **Lecture**  Arterial blood gas analysis  Ruslan Abdullayev,MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **On-the-job learning and assessment session**  Anesthesiology | **Lecture**  Pathology of breast lesions and tumors  Handan Kaya, MD | **On-the-job learning and assessment session**  Anesthesiology | **On-the-job learning and assessment session**  Anesthesiology |  |
| 14:10-  15:00 | **Lecture**  CPR  Alper Kararmaz, MD | **Lecture**  Benign Colorectal Diseases 1-2  Vafi Atalay, MD |
| 15:10-  16:00 |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B OCT 4-8** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 | **On-the-job learning and assessment session**  Anesthesiology | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD |
| 09:10  10:00 | **On-the-job learning and assessment session**  General Surgery | **Clinical Tutorial**  Abdominal Pain  Cumhur Yeğen, MD  Tolga Demirbaş, MD | **Lecture**  Surgical diseases of the esophagus  Asım Cingi, MD | **Lecture**  Surgical management of gastric disorders Cumhur Yeğen, MD |
| 10:10  11:00 | **Lecture**  Complications in the early post-operative period and their management  Ali Emre Atıcı, MD |
| 11:10  12:00 | **Clinical Tutorial** Breast mass  Umit Uğurlu, MD | **Lecture**  Intravenous fluid therapy  Fethi Gül, MD | **Clinical Tutorial Obstructive jaundice**  Ender Dulundu, MD  Vafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **On-the-job learning and assessment session**  Anesthesiology | **Clinical Tutorial**  Morbid Obesity  Ömer Günal, MD | **Panel Discussion**  Management of Neuroendocrine Tumors  Pelin Bağcı, MD  Salih Özgüven, MD | **On-the-job learning and assessment session**  General Surgery |  |
| 14:10-  15:00 | **Lecture**  Malignant colorectal diseases 1-2  Vafi Atalay, MD |
| 15:10-  16:00 | **Midterm-evaluation**  Evaluation of clerkship program and the 2-week training process  Program Coordinators |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B OCT 11-15** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 |  | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD |
| 09:10  10:00 | **Lecture**  Metabolic Answer to Trauma  Omer Günal, MD | **On-the-job learning and assessment session**  General Surgery | **On-the-job learning and assessment session**  General Surgery | **On-the-job learning and assessment session**  General Surgery | **On-the-job learning and assessment session**  General Surgery |
| 10:10  11:00 | **Lecture** Abdominal trauma  Kıvılcım Uprak, MD |
| 11:10  12:00 | **Lecture**  Surgical diseases of the spleen and retroperitoneal masses  Tolga Demirbaş, MD |
|  |  |  |  |  |  |
| 13:00-  14:00 | **On-the-job learning and assessment session**  General Surgery | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  General Surgery | **Lecture**  Pathology of the gastro- intestinal system tumors  Emine Bas, MD |  |
| 14:10-  15:00 | **Lecture**  Mesenteric Ischemia  Omer Gunal MD |  |
| 15:10-  16:00 |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ GROUP 3 B OCT 18-22** | | | | | |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:00  09:00 | **On-the-job learning and assessment session**  Emergency Department | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **General Surgery**  **Ward round**  Cumhur Yeğen, MD | **Preparation to the exam** | **EXAMINATION** |
| 09:10  10:00 | **On-the-job learning and assessment session**  General Surgery | **On-the-job learning and assessment session**  General Surgery |
| 10:10  11:00 |
| 11:10  12:00 |
|  |  |  |  |
| 13:00-  14:00 | **Lecture**  Fluid and electrolyte treatment  Arzu Denizbaşı, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**  General Surgery |
| 14:10-  15:00 | **Lecture**  Algorithms in abdominal  Trauma  Özge Onur MD |
| 15:10-  16:00 | **Lecture**  Emergency medical management of multi-trauma patient  A-B-C-D-E  Haldun Akoğlu,MD |