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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 |
| 08:0009:00 |  |  | **General Surgery** **Ward round**Cumhur Yeğen, MD | **General Surgery** **Ward round**Cumhur Yeğen, MD | **General Surgery** **Ward round**Cumhur Yeğen, MD |
| 09:1010:00 | Önlük Giyme Töreni ve Oryantasyon | **Introduction and orientation**General SurgeryUmit Ugurlu, MD | **Lecture**Patient monitoringRuslan Abdullayev, MD | **On-the-job learning and assessment session** **General Surgery** | **Lecture**Acute AppendicitisCumhur Yeğen, MD |
| 10:1011:00 | **Introduction and orientation**AnesthesiologyAyten Saracoglu, MD | **Lecture**Airway managementAyten Saraçoğlu, MD | **Lecture**Intestinal obstruction and perforationCumhur Yeğen, MD |
| 11:1012:00 |  | **Lecture**Pre-operative evaluation and preperationKıvılcım Uprak, MD | **Lecture**Preoperative assessment, regional anesthesia and local anesthetics Meliha Orhon, MD  | **Lecture**Metabolic answer to traumaÖmer Günal, MD | **Lecture**Wound HealingKıvılcım 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 diseasesKıvılcım 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 |
| 08:0009:00 |  | **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 |
| 09:1010:00 | **Lecture**Surgical site infectionsAli 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 diagnosisVafi Atalay, MD |
| 10:1011:00 | **Lecture**Acute pancreatitisTolga Demirbaş, MD | **Lecture**Inhalational anesthetic agentsÜlgen Zengin, MD |
| 11:1012:00 |  | **Lecture**Thyroidal diseasesSurgical point of viewUmit Uğurlu, MD | **Lecture**ShockAli Emre Atıcı, MD | **Lecture**Muscle relaxant agents for anesthesiaBeliz Bilgili, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **Lecture**Intravenous anesthetic agentsTümay 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**ShockAli Emre Atıcı, MD | **Clinical Tutorial** Gastrointestinal system bleedingKıvılcım Uprak, MDTolga 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 |
| 08:0009:00 |  | **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 |
| 09:1010:00 | **Lecture**Peri-operative nutrition of the surgical patientEnder Dulundu, MD | **Lecture**Evaluation of breast in healthy and symptomatic womenBahadır Güllüoğlu, MD |  **Diagnostic procedures**Breast and endocrine surgeryÜmit Uğurlu, MDOnur Buğdaycı, MD | **Lecture**Inguinal hernias Asım Cingi MD | **On-the-job learning and assessment session****General Surgery** |
| 10:1011:00 |  **Lecture**Brain death and organ transplantation Ender Dulundu, MD | **Lecture**Benign breast diseasesBahadır Güllüoğlu, MD | **Lecture**Abdominal wall herniasAsım Cingi MD |
| 11:1012:00 | **Lecture** Management of liver massesEnder Dulundu, MD | **Reflection session**Bahadır Güllüoğlu, MD | **Lecture**Malignant breast diseasesÜmit Uğurlu, MD | **Lecture**Acute cholecystitis / cholangitisAsım 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 tumorsHandan 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 1-2Vafi 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 |
| 08:0009:00 | **On-the-job learning and assessment session****General Surgery** | **On-the-job learning and assessment session**Anesthesiology |  |  |  |
| 09:1010:00 | **Clinical Tutorial**Abdominal PainCumhur Yeğen, MDTolga Demirbaş, MD | **Lecture**Surgical diseases of the esophagus Asım Cingi, MD | **Lecture**Surgical management of gastric disorders Cumhur Yeğen, MD |
| 10:1011:00 | **Lecture**Complications in the early post-operative period and their managementAli Emre Atıcı, MD |
| 11:1012:00 |  | **Clinical Tutorial** Breast mass Umit Uğurlu, MD | **Lecture**Intravenous fluid therapy Fethi Gül, MD | **Clinical Tutorial Obstructive jaundice**Ender Dulundu, MDVafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session****General Surgery** | **Clinical Tutorial**Morbid ObesityÖmer Günal, MD | **Panel Discussion**Management of Neuroendocrine TumorsPelin Bağcı, MDSalih Özgüven, MD | **On-the-job learning and assessment session**Anesthesiology |  |
| 14:10-15:00 | **Lecture**Malignant colorectal diseases 1-2Vafi Atalay, MD |
| 15:10-16:00 | **Midterm-evaluation** Evaluation of clerkship program and the 2-week training processProgram 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 |
| 08:0009:00 |  | **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 |
| 09:1010:00 | **Lecture**Metabolic Answer to TraumaÖmer Günal, MD |
| 10:1011:00 | **Lecture** Abdominal trauma Kıvılcım Uprak, MD |
| 11:1012:00 | **Lecture**Surgical diseases of the spleen and retroperitoneal massesTolga Demirbaş, MD |
|  |  |  |  |  |  |
| 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 tumorsEmine Bas, MD |  |
| 14:10-15:00 | **Lecture**Mesenteric IschemiaOmer Gunal MD | **On-the-job learning and assessment session**Anesthesiology |
| 15:10-16:00 | **Diagnostic procedures** Radiologic evaluation of acute abdominal diseasesKıvılcım 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 |
| 08:0009:00 | **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** |
| 09:1010:00 |
| 10:1011:00 |
| 11:1012:00 |
|  |  |  |  |
| 13:00-14:00 |  **Lecture**Fluid and electrolyte treatmentArzu Denizbaşı, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**Anesthesiology |
| 14:10-15:00 |  **Lecture**Algorithms in abdominalTraumaÖzge Onur MD |
| 15:10-16:00 | **Lecture**Emergency medical management of multi-trauma patientA-B-C-D-EHaldun 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 |
| 08:0009:00 |  |  |  | **On-the-job learning and assessment session**Anesthesiology |  |
| 09:1010:00 |  | **Introduction and orientation**General SurgeryUmit Ugurlu, MD | **Lecture**Patient monitoringRuslan Abdullayev, MD | **Lecture**Acute AppendicitisCumhur Yeğen, MD |
| 10:1011:00 | **Introduction and orientation**AnesthesiologyAyten Saracoglu, MD | **Lecture**Airway managementAyten Saraçoğlu, MD | **Lecture**Intestinal obstruction and perforationCumhur Yeğen, MD |
| 11:1012:00 |  | **Lecture**Pre-operative evaluation and preperationKıvılcım Uprak, MD | **Lecture**Preoperative assessment, regional anesthesia and local anesthetics Meliha Orhon, MD  | **Lecture**Wound HealingKıvılcım 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 diseasesKıvılcım 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 |
| 08:0009:00 |  | **On-the-job learning and assessment session**Anesthesiology |  |  |  |
| 09:1010:00 | **Lecture**Surgical site infectionsAli Emre Atıcı, MD | **Diagnostic procedures**Visceral Surgery **Mumin Coskun, MD** | **Lecture**Sepsis İsmail Cinel, MD | **Lecture**Acute abdomen differential diagnosisVafi Atalay, MD |
| 10:1011:00 | **Lecture**Acute pancreatitisTolga Demirbaş, MD | **Lecture**Inhalational anesthetic agentsÜlgen Zengin, MD |
| 11:1012:00 |  | **Lecture**Thyroidal diseasesSurgical point of viewUmit Uğurlu, MD | **Lecture**ShockAli Emre Atıcı, MD | **Lecture**Muscle relaxant agents for anesthesiaBeliz Bilgili, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **Lecture**Intravenous anesthetic agentsTümay 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**ShockAli Emre Atıcı, MD | **Clinical Tutorial** Gastrointestinal system bleedingKıvılcım Uprak, MDTolga Demirbaş , MD |
| 15:10-16:00 |  |  |
| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/- GROUP 3B SEPT 27- 1 OCT** |
|  |
|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  |  |  |  | **On-the-job learning and assessment session**Anesthesiology |
| 09:1010:00 | **Lecture**Peri-operative nutrition of the surgical patientEnder Dulundu, MD | **Lecture**Evaluation of breast in healthy and symptomatic womenBahadır Güllüoğlu, MD |  **Diagnostic procedures**Breast and endocrine surgery**Ümit Uğurlu, MD****Onur Buğdaycı, MD** | **Lecture**Inguinal hernias Asım Cingi MD |
| 10:1011:00 |  **Lecture**Brain death and organ transplantation Ender Dulundu, MD | **Lecture**Benign breast diseasesBahadır Güllüoğlu, MD | **Lecture**Abdominal wall herniasAsım Cingi MD |
| 11:1012:00 | **Lecture** Management of liver massesEnder Dulundu, MD | **Reflection session**Bahadır Güllüoğlu, MD | **Lecture**Malignant breast diseasesÜmit Uğurlu, MD | **Lecture**Acute cholecystitis / cholangitisAsım 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 tumorsHandan 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 1-2Vafi 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 |
| 08:0009:00 | **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 |
| 09:1010:00 | **On-the-job learning and assessment session**General Surgery | **Clinical Tutorial**Abdominal PainCumhur Yeğen, MDTolga Demirbaş, MD | **Lecture**Surgical diseases of the esophagus Asım Cingi, MD | **Lecture**Surgical management of gastric disorders Cumhur Yeğen, MD |
| 10:1011:00 | **Lecture**Complications in the early post-operative period and their managementAli Emre Atıcı, MD |
| 11:1012:00 | **Clinical Tutorial** Breast mass Umit Uğurlu, MD | **Lecture**Intravenous fluid therapy Fethi Gül, MD | **Clinical Tutorial Obstructive jaundice**Ender Dulundu, MDVafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session**Anesthesiology  | **Clinical Tutorial**Morbid ObesityÖmer Günal, MD | **Panel Discussion**Management of Neuroendocrine TumorsPelin Bağcı, MDSalih Özgüven, MD | **On-the-job learning and assessment session**General Surgery |  |
| 14:10-15:00 | **Lecture**Malignant colorectal diseases 1-2Vafi Atalay, MD |
| 15:10-16:00 | **Midterm-evaluation** Evaluation of clerkship program and the 2-week training processProgram 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 |
| 08:0009:00 |  | **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 |
| 09:1010:00 | **Lecture**Metabolic Answer to TraumaOmer 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 |
| 10:1011:00 | **Lecture** Abdominal trauma Kıvılcım Uprak, MD |
| 11:1012:00 | **Lecture**Surgical diseases of the spleen and retroperitoneal massesTolga 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 tumorsEmine Bas, MD |  |
| 14:10-15:00 | **Lecture**Mesenteric IschemiaOmer Gunal MD |  |
| 15:10-16:00 |  |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ GROUP 3 B OCT 18-22**  |
|  |
|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 | **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** |
| 09:1010:00 | **On-the-job learning and assessment session**General Surgery | **On-the-job learning and assessment session**General Surgery |
| 10:1011:00 |
| 11:1012:00 |
|  |  |  |  |
| 13:00-14:00 |  **Lecture**Fluid and electrolyte treatmentArzu Denizbaşı, MD | **Learning and assessment for the professionalism** | **On-the-job learning and assessment session**General Surgery |
| 14:10-15:00 |  **Lecture**Algorithms in abdominalTraumaÖzge Onur MD |
| 15:10-16:00 | **Lecture**Emergency medical management of multi-trauma patientA-B-C-D-EHaldun Akoğlu,MD |