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| **Clinical Education Program****Phase 2 / Year 4****2022-2023****Group 3****Surgical Diseases & Invasive Application Clerkship Program** |
| **Coordinator of Clerkship Program**Assoc. Prof. M. Ümit UĞURLU |
| **Coordinator of Year 4**Assoc. 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 | 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 Sep 5-9** |
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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 |  | **On-the-job learning and assessment session** **General Surgery** |
| 09:1010:00 | **Önlük Giyme Töreni**  | **On-the-job learning and assessment session** **General Surgery** | **On-the-job learning and assessment session** **General Surgery** | Clinical Tutorial Morbid obesityÖmer Günal, MD |
| 10:1011:00 |
| 11:1012:00 | **Lecture**Metabolic response to traumaÖmer Günal, MD |
|  |  |  |  |   |  |
| 13:00-14:00 | **Introduction and orientation**General SurgeryUmit Ugurlu, MD | **Diagnostic procedures** Radiologic evaluation of acute abdominal diseasesKıvılcım Uprak, Rabia Ergelen, Canan Cimşit**(Pendik)** | **On-the-job learning and assessment session** **General Surgery** | **Lecture**Management of liver massesÖmer Günal , MD | **On-the-job learning and assessment session** **General Surgery** |
| 14:10-15:00 | **Introduction and orientation**AnesthesiologyRuslan Abdullayev MD | **Lecture**Inguinal hernias Ömer Günal MD |
| 15:10-16:00 | **Lecture**Patient monitoringNazan Özlen Atalan, MD |  |  |

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|  **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A SEP 12-16** |
|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  | **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**  | **On-the-job learning and assessment session****General Surgery** | **Lecture**Surgical site infectionsAli Emre Atıcı, MD | **On-the-job learning and assessment session****General Surgery** | **Lecture**Arterial blood gas analysis Ruslan Abdullayev,MD |
| 10:1011:00 | **Lecture****Sepsis**Ruslan Abdullayev,MD |
| **Lecture**ShockAli Emre Atıcı, MD |
| 11:1012:00 |  **Lecture**Complications in the early post-operative period and their managementAli Emre Atıcı, MD | **Lecture**Pathology of breast lesions and tumorsHandan Kaya, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session****General Surgery**  | **On-the-job learning and assessment session****General Surgery** | **Clinical Tutorial**Gastrointestinal system bleedingKıvılcım Uprak, MDTolga Demirbaş , MD | **On-the-job learning and assessment session****General Surgery**  |  |
| 14:10-15:00 |  **Clinical Tutorial**Abdominal Pain **Cumhur Yeğen, MD** Tolga Demirbaş, MD | **Lecture**Surgical diseases of the spleen and retroperitoneal massesTolga Demirbaş, MD |
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| 15:10-16:00 | **Lecture**Intravenous anesthetic agentsTümay Umuroğlu, MD |
| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/- GROUP 3A SEP 19 -23**  |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  | **General Surgery** **Ward round**Cumhur Yeğen, MD |  **Lecture**Intravenous fluid therapy**Fethi Gül,MD** | **General Surgery** **Ward round**Cumhur Yeğen, MD |  |
| 09:1010:00 | **Lecture**Inhalational anesthetic agentsÜlgen Zengin MD | **On-the-job learning and assessment session****General Surgery** | **Lecture**Inotropes and vasopressors**Fethi Gül,MD** | **On-the-job learning and assessment session General Surgery**  | **Lecture**Management of cyst hydatic disease Tolga Demirbaş, MD |
| 10:1011:00 | **Lecture**Peri-operative nutrition of the surgical patientŞakir Karpuz MD | **Lecture**Periampullary Tumors  Cumhur Yeğen, MD |  **Lecture**Brain death and organ transplantation Tolga Demirbaş MD |
| 11:1012:00 | LecturePre-operative evaluation and preperationŞakir Karpuz, MD | **Lecture** Renal Transplantation Cumhur Yeğen, MD | **Lecture**Acute pancreatitisTolga Demirbaş, MD |
|  |  | **General Surgery**  |  |  |  |
| 13:00-14:00 | **Lecture**Surgical diseases of the esophagus Asım Cingi, MD | **On-the-job learning and assessment session****General Surgery**   | **Lecture**Benign breast diseasesBahadır Güllüoğlu, MD | **On-the-job learning and assessment session****General Surgery**  |  |
| 14:10-15:00 | **Lecture**Abdominal wall herniasAsım Cingi MD |  **Lecture**Evaluation of breast in healthy and symptomatic womenBahadır Güllüoğlu, MD | **Lecture**Benign Colorectal Diseases 1-2Vafi Atalay, MD |
| 15:10-16:00 | **Lecture**Acute cholecystitis / cholangitisAsım Cingi MD | **Reflection session**Bahadır Güllüoğlu, MD |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3A SEP 26-30** |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |

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| **Lecture**Thyroidal diseasesSurgical point of view**Umit Uğurlu, MD** |
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| **Clinical Tutorial** Breast mass Umit Uğurlu, MD |
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| **Lecture**Malignant Breast lesions **Umit Uğurlu, MD** |

  |  | **On-the-job learning and assessment session**Anesthesiology |  |  |
| 09:1010:00 | **Lecture**Intestinal obstruction and perforationMümin Coşkun, MD | **On-the-job learning and assessment session**Anesthesiology |  **Panel Discussion**Management of Neuroendocrine Tumors Pelin Bağcı, MDSalih Özgüven, MD **Mümin Coşkun MD** **T.Kıvılcım Uprak MD**  |
| 10:1011:00 |
|  **Diagnostic procedures**Visceral Surgery **Mumin Coskun, MD** |
| 11:1012:00 | **Lecture**Mesenteric IschemiaMümin Coşkun MD | **Lecture**Acute abdomen differential diagnosisVafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **Diagnostic procedures**Breast and endocrine surgeryÜmit Uğurlu, MD Onur Buğdaycı, MD | **Lecture**Acute AppendicitisMümin Coşkun, MD | **On-the-job learning and assessment session**Anesthesiology | **On-the-job learning and assessment session**Anesthesiology |  |
| **Lecture**Preoperative assessment,regional anesthesia and localanesthetics**Meliha Orhon Ergün MD** |
| 14:10-15:00 | **Clinical Tutorial**  **Obstructive jaundice**Vafi 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 3-7** |
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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**Emergency Department  |
| 09:1010:00 |  **Lecture**Fluid and electrolyte treatmentArzu Denizbaşı, MD | **Tutorial**CPR Alper Kararmaz, MDPendik |
| 10:1011:00 |
| **Lecture**Algorithms in abdominalTraumaÖzge Onur MD | **On-the-job learning and assessment session**Anesthesiology |
| 11:1012:00 | **Lecture**Emergency medical management of multi-trauma patientA-B-C-D-E Haldun Akoğlu,MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **Lecture**Muscle relaxant agents for anesthesiaBeliz Bilgili, MD | **Learning and assessment for the professionalism** | **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 | **Lecture**Airway ManagementRuslan Abdullayev MD |
| 15:10-16:00 | **Lecture**Pathology of the gastro- intestinal system tumorsEmine Bas, MD |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ GROUP 3A OCTOBER 10-14** |
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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 | **Preparation to the exam** | **EXAMINATION** |
| 09:1010:00 | **Lecture**Surgical management of gastric disorders T. Kıvılcım UPRAK, MD |
| **Lecture** Wound Healing Kıvılcım Uprak, MD | **On-the-job learning and assessment session**Anesthesiology |  |  |
| 10:1011:00 |
| 11:1012:00 | **Lecture** Abdominal trauma Kıvılcım Uprak, MD |
|  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session**Anesthesiology |  | **On-the-job learning and assessment session**Anesthesiology |
| 14:10-15:00 |
| 15:10-16:00 |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B Sep 5-9** |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  |  |  |  | **On-the-job learning and assessment session**Anesthesiology   |
| 09:1010:00 | **Önlük Giyme Töreni**  |  **On-the-job learning and assessment session** Anesthesiology | **On-the-job learning and assessment session**Anesthesiology   | Clinical Tutorial Morbid obesityÖmer Günal, MD |
| 10:1011:00 |
| 11:1012:00 | **Lecture**Metabolic response to traumaÖmer Günal, MD |
|  |  |  |  |   |  |
| 13:00-14:00 | **Introduction and orientation**General SurgeryUmit Ugurlu, MD | **Diagnostic procedures** Radiologic evaluation of acute abdominal diseasesKıvılcım Uprak, Rabia Ergelen, Canan Cimşit**(pendik)** | **On-the-job learning and assessment session** Anesthesiology | **Lecture**Management of liver massesÖmer Günal , MD | **On-the-job learning and assessment session**Anesthesiology   |
| 14:10-15:00 | **Introduction and orientation** **Anesthesiology** Ruslan Abdullayev MD | **Lecture**Inguinal hernias Ömer Günal MD |
| 15:10-16:00 |  **Lecture**Patient monitoringNazam Özlen Atalan, MD |  |  |

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|  **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B SEP 12-16** |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  |  |  |  |  |
| 09:1010:00 | **On-the-job learning and assessment session**Anesthesiology  | **On-the-job learning and assessment session**Anesthesiology | **Lecture**Surgical site infectionsAli Emre Atıcı, MD | **On-the-job learning and assessment session**Anesthesiology | **Lecture**Arterial blood gas analysis Ruslan Abdullayev,MD |
| 10:1011:00 | **Lecture**Sepsis, Ruslan Abdullayev,MD |
| **Lecture**ShockAli Emre Atıcı, MD |
| 11:1012:00 |  **Lecture**Complications in the early post-operative period and their managementAli Emre Atıcı, MD | **Lecture**Pathology of breast lesions and tumorsHandan Kaya, MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session**Anesthesiology  | **On-the-job learning and assessment session**Anesthesiology | **Clinical Tutorial**Gastrointestinal system bleedingKıvılcım Uprak, MDTolga Demirbaş , MD | **On-the-job learning and assessment session**Anesthesiology |  |
| 14:10-15:00 |  **Clinical Tutorial**Abdominal Pain **Cumhur Yeğen, MD** Tolga Demirbaş, MD | **Lecture**Surgical diseases of the spleen and retroperitoneal massesTolga Demirbaş, MD |
| 15:10-16:00 | **Lecture**Intravenous anesthetic agentsTümay Umuroğlu, MD |
| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/- GROUP 3B SEP 19 -23**  |
|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 |  |  | **Lecture**Intravenous fluid therapy**Fethi Gül MD** |  |  |
| 09:1010:00 | **Lecture**Inhalational anesthetic agentsÜlgen Zengin, MD  |  **Tutorial**CPR Alper Kararmaz, MD**On-the-job learning and assessment session**Anesthesiology | **Lecture**Inotropes and vasopressors**Fethi Gül MD** |  **On-the-job learning and assessment session**Anesthesiology | **Lecture**Management of cyst hydatic disease Tolga Demirbaş, MD |
| 10:1011:00 | **Lecture**Peri-operative nutrition of the surgical patientŞakir Karpuz MD | **Lecture**Periampullary Tumors  Cumhur Yeğen, MD |  **Lecture**Brain death and organ transplantation Tolga Demirbaş MD |
| 11:1012:00 | **Lecture** Pre-operative evaluation and preperationŞakir Karpuz, MD | **Lecture** Renal Transplantation Cumhur Yeğen, MD | **Lecture**Acute pancreatitisTolga Demirbaş, MD |
|  |  | **General Surgery**  |  |  |  |
| 13:00-14:00 | **Lecture**Surgical diseases of the esophagus Asım Cingi, MD | **On-the-job learning and assessment session**Anesthesiology  | **Lecture**Benign breast diseasesBahadır Güllüoğlu, MD | **On-the-job learning and assessment session**Anesthesiology  |  |
| 14:10-15:00 | **Lecture**Abdominal wall herniasAsım Cingi MD |  **Lecture**Evaluation of breast in healthy and symptomatic womenBahadır Güllüoğlu, MD | **Lecture**Benign Colorectal Diseases 1-2Vafi Atalay, MD |
| 15:10-16:00 | **Lecture**Acute cholecystitis / cholangitisAsım Cingi MD | **Reflection session**Bahadır Güllüoğlu, MD |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ - GROUP 3B SEP 26-30** |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 | **Lecture**Thyroidal diseasesSurgical point of view**Umit Uğurlu, MD****Clinical Tutorial** Breast mass Umit Uğurlu, MD |  |  **General Surgery** **Ward round**Cumhur Yeğen, MD**On-the-job learning and assessment session**General Surgery | **General Surgery** **Ward round**Cumhur Yeğen, MD |  |
| **On-the-job learning and assessment session**General Surgery |
| 09:1010:00 | **Lecture**Thyroidal diseasesSurgical point of view**Umit Uğurlu, MD** |  **Lecture**Intestinal obstruction and perforationMümin Coşkun, MD | **On-the-job learning and assessment session**General Surgery |  **Panel Discussion**Management of Neuroendocrine TumorsPelin Bağcı, MDSalih Özgüven, MD **Mümin Coşkun MD****T.Kıvılcım Uprak MD** |
| 10:1011:00 | **Clinical Tutorial** Breast mass Umit Uğurlu, MD |
|  **Diagnostic procedures**Visceral Surgery **Mumin Coskun, MD** |
| 11:1012:00 | **Lecture**Malignant Breast Lesions**Umit Uğurlu, MD** | **Lecture**Mesenteric IschemiaMümin Coşkun MD | **Lecture**Acute abdomen differential diagnosisVafi Atalay, MD |
|  |  |  |  |  |  |
| 13:00-14:00 |  **Diagnostic procedures**Breast and endocrine surgeryÜmit Uğurlu, MD Onur Buğdaycı, MD | **Lecture**Acute AppendicitisMümin Coşkun, MD | **On-the-job learning and assessment session**General Surgery  | **On-the-job learning and assessment session**General Surgery |  |
| **Lecture**Preoperative assessment,regional anesthesia and localanesthetics**Meliha Orhon Ergün MD** |
| 14:10-15:00 | **Clinical Tutorial**  **Obstructive jaundice**Vafi 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 3-7** |
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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**On-the-job learning and assessment session**General Surgery |  **General Surgery** **Ward round**Cumhur Yeğen, MD**On-the-job learning and assessment session**General Surgery |  |
| 09:1010:00 |  **Lecture**Fluid and electrolyte treatmentArzu Denizbaşı, 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**Algorithms in abdominalTraumaÖzge Onur MD |
| 11:1012:00 | **Lecture**Emergency medical management of multi-trauma patientA-B-C-D-EHaldun Akoğlu,MD |
|  |  |  |  |  |  |
| 13:00-14:00 | **Lecture**Muscle relaxant agents for anesthesiaBeliz Bilgili, 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 | **On-the-job learning and assessment session**Emergency Department |
| 14:10-15:00 | **Lecture**Airway ManagementRuslan Abdullayev MD |
| 15:10-16:00 | **Lecture**Pathology of the gastro- intestinal system tumorsEmine Bas, MD |

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| **SURGICAL DISORDERS AND INVASIVE PROCEDURES BLOCK/ GROUP 3B OCTOBER 10-14** |
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|  | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
| 08:0009:00 | **On-the-job learning and assessment session**General Surgery | **Lecture** Wound Healing Kıvılcım Uprak, MD |  **General Surgery** **Ward round**Cumhur Yeğen, MD**On-the-job learning and assessment session**General Surgery | **Preparation to the exam** | **EXAMINATION** |
| 09:1010:00 |
|  **Lecture** Abdominal trauma Kıvılcım Uprak, MD

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|  **Lecture** Surgical management of gastric disorders Kıvılcım Uprak, MD Kıvılcım Uprak, MD **Kıvılcım Uprak, MD****Surgical management of gastric disorders T. Kıvılcım UPRAK, MD****Lecture****Surgical management of gastric disorders T. Kıvılcım UPRAK, MD****Lecture Wound Healing** **Kıvılcım Uprak, MD** |
| **Lecture** Abdominal trauma Kıvılcım Uprak, MD |

**On-the-job learning and assessment session**General Surgery**Lecture** Abdominal trauma Kıvılcım Uprak, MD | **On-the-job learning and assessment session**General Surgery |
| 10:1011:00 |
| 11:1012:00 |
|  |  |  |  |
| 13:00-14:00 | **On-the-job learning and assessment session**General Surgery |  | **On-the-job learning and assessment session**General Surgery |
| 14:10-15:00 |
| 15:10-16:00 |