**جدول الدراسات العليا قسم طب الاورام (جزء اول دكتوراة)**

**Clinical pharmacology**

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| **Subject** | **Time** | **Date** | **Prof** |
| Regional drug delivery in cancer management | 8-9pm | 12/3/2021 virtual | د هبه طه |
| Organ directed toxicities of cancer chemotherapy | 9-10pm | 12/3/2021 virtual | د هبه طه |
| Angiogenesis and its clinical implication in cancer | 8-9pm | 12/3/2021  virtual | د شيرين الشوربجي |
| High dose chemotherapy: concepts, applications, pros & cons | 8-9pm | 18/3/2021  virtual | اد شيرين الشوربجي |
| Mechanism of action and classification of different targeted and biologic therapies | 8-9pm | 19/3/2021  virtual | د شيرين الشوربجي |
| Apoptosis and its clinical implication in cancer | 8-9pm | 2/4/2021  virtual | د هبه طه |
| Route of administration of cancer chemotherapyBasis of calculation of chemotherapy dose: standard and personalized approaches | 8-9pm | 10/4/2021  virtual | د اسماء احمد |
| Potential mechanisms of resistance to targeted and biologic  therapy & strategies to overcome them | 8-9pm | 12/4/2021  Virtual | اد /علا الفرارجي |
| Clinically relevant drug–drug interactions in oncology | 9-10pm | 12/4/2021  Virtual | اد /علا الفرارجي |
| Integration of chemotherapy in the multimodality treatment of cancer: use with radiotherapy, with surgery, with embolization. | 8-9pm | 19/4/2021 virtual | اد احمد عبد الرحيم |
| Cell cycle and implications for classifications, mode of action of different classes of cancer chemotherapies | 9-10pm | 19/4/2021  virtual | د احمد عبد الرحيم |
| Mode of action hormonal therapy and uses in hormone sensitive tumors  Toxicities and resistance to hormonal therapies and strategies to overcome | 9-10pm | 16/4/2021  virtual | د احمد بركات |
| Hormonal therapies in specific cancers: breast, prostate, uterine, ovarian, thyroid & others | 10-11pm | 16/4/2021  virtual | د احمد بركات |
| Chemotherapy in specific situations: elderly, pregnancy, children, renal and liver impairment | 9-10am | 19/4/2021  physical | اد رشا حجاج |
| Mechanisms of chemotherapeutic drug resistance and how to Overcome | 8-9pm | 24/4/2021  virtual | د اسماء احمد |
| Pharmacogenomics of cancer chemotherapy | 9-10pm | 8/5/2021  virtual | د عادل صلاح |
| Cell signal transduction and its inhibition in cancer | 9-10pm | 9/5/2021  virtual | د عادل صلاح |
| Cancer immunotherapy | 11-12am | 10/5/2021  physical | اد/ رشا حجاج |

**Supportive & palliative care for medical oncology and malignant hematology patients**

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| **Subject** | **Time** | **Date** | **prof** |
| Nutritional supports in the cancer patients: when and how? | 8-9pm | 12/3/2021  virtual | اد/ شيرين الشوربجي |
| Bacterial & viral infections in cancer patient | 8-9pm | 17/3/2021  virtual | اد هبه طه |
| Management of neurological complications in cancer patients | 8-9pm | 18/3/2021  virtual | د/ شيرين الشوربجي |
| Bone metastases in cancer patients | 10-11pm | 18/3/2021  Virtual | اد// شيرين الشوربجي |
| Care of the terminally ill cancer patients | 8-9pm | 3/4/2021  Virtual | د/ اسماء احمد |
| Introduction to palliative care | 8-9pm | 20/3/2021  virtual | د اسماء احمد |
| Fungal and parasitic infections in cancer patient | 8-9pm | 26/3/2021  virtual | د// هبه طه |
| Integration of palliative care to medical oncology | 8-9pm | 27/3/2021  virtual | د/ اسماء احمد |
| Therapeutic apheresis | 9-10am | 5/4/2021  physical | اد/ رشا حجاج |
| Blood component therapy in cancer patients | 10-11am | 5/4/2021  physical | اد/ احمد عبد الرحيم |
| Bleeding and coagulation problems in cancer patient | 10-11am | 12/4/2021  Physical | اد/رشاحجاج |
| Update in the systemic treatment of cancer pain | 9-10am | 26/4/2021  physical | اد/ امرالله محمد |
| Symptom management in palliative care | 9-10pm | 27/4/2021  virtual | د/ احمد بركات |
| Update in evaluation and management of patients with febrile neutropenia | 9-10pm | 29/4/2021  virtual | د/ احمد بركات |
| Metabolic complications | 8-9pm | 30/4/2021  virtual | اد/ علا الفرارجي |
| Benefits and burden of chemotherapy and targeted agents in palliative care management | 8-9pm | 5/5/2021  virtual | د /عادل صلاح |
| Pathogenesis of cancer cachexia and its impact on cancer risk and treatment outcome | 8-9pm | 6/5/2021  virtual | د/ عادل صلاح |

**Critical care medicine for medical oncology and malignant hematology patients**

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|  | Topic | Time | Date | prof |
| 1 | The impact of critical care medicine on treatment outcome of cancer patients | 9-10am | 2/4/2021  Physical | د اسماء احمد |
| 2 | Arterial blood gas and pulse oximetry interpretation | 9-10am | 4/4/2021  Physical | د احمد بركات |
| 3 | Fluid and electrolyte acid / base disturbances | 9-10am | 6/4/2021  Physical | د احمد بركات |
| 4 | Management of shock | 9-10am | 8/4/2021  Physical | د عادل صلاح |
| 5 | Thrombocytopenia in ICU | 9-10am | 11/4/2021  Physical | د عادل صلاح |
| 6 | Coma and airway management | 9-10am | 14/4/2021  Physical | د محمد رجب |
| 7 | Oncologic emergencies | 9-10am | 18/4/2021  Physical | د محمد رجب |
| 8 | Diabetic ketoacidosis & endocrine emergencies | 9-10am | 20/4/2021  Physical | د اسماء أحمد |

**Applied Pathology for cancer**

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| **Topics** | **Time** | **Date** | **PROF** |
| Advanced applications of molecular pathology in cancer | 10-11pm | 4/5/2021  virtual | د محمد رجب |
| Applications of flow cytometry in cancer | 10-11pm | 5/5/2021-virtual | د محمد رجب |
| Technical methods in Cytology | 10-11pm | 6/5/2021-virtual | د محمد رجب |
| Pathology of Endocrine tumors  Pathology of Urinary tract tumors | 10-11pm | 7/5/2021  virtual | د محمد رجب |
| Pathology of Head and neck tumors | 10-11am | 8/5/2021  physical | د محمد رجب |
| Pathology of Breast tumors | 9-10 am | 10/5/2021-physical | اد/ امرالله محمد |
| Pathology of soft tissue &Bone tumors | 10-11am | 10/5/2021-physical | اد/ امرالله محمد |
| Pathology of Male Genital System tumors | 9-10pm | 10/5/2021-virtual | د محمد رجب |
| Pathology of Female Genital System tumors | 10-11pm | 10/5/2021-virtual | د محمد رجب |
| Pathology of Lymphomas | 10-11pm | 11/5/2021-virtual | د محمد رجب |
| Pathology of HCC & Pathology of Hepatobiliary and pancreatic tumors | 9-10am | 17/5/2021-physical | اد/ امرالله محمد |
| Pathology of Lung tumors | 10-11am | 17/5/2021  physical | اد/ امرالله محمد |
| Pathology of Central Nervous System tumors | 9-10pm | 18/5/2021  virtual | د محمد رجب |

**جدول الدراسات العليا قسم طب الاورام ( ماجستيرجزء تاني)**

**Hematology and BMT**

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| **TOPIC** | **Time** | **date** | **Prof** |
| 1. Clinical presentation and diagnosis of leukemia | **9-10am** | **1\10\2020**  Physical | **د\هبه فكري** |
| 2. Management of adult acute lymphoblastic leukemia | **9-10am** | **8\10\2020**  Physical | **د\هبه فكري** |
| 3. Management of adult acute myeloid leukemia | **9-10am** | **15\10\2020**  Physical | **د\هبه فكري** |
| 4. Management of chronic myeloid leukemia | **9-10am** | **22\10\2020**  Physical | **د\عادل صلاح** |
| 5. Management of myeloproliferative neoplasms | **9-10am** | **29\10\2020**  physical | **د\هبه فكري** |
| 6. Management of chronic lymphocytic leukemia | **9-10am** | **5\11\2020**  Physical | **د\عادل صلاح** |
| 7. Diagnosis and treatment of monoclonal gammopathies | **9-10am** | **12\11\2020**  Physical | **اد / علا الفرارجي** |
| 8. Management of MDS | **9-10am** | **19\11\2020**  Physical | **أ.د م\احمد عبد الرحيم** |
| 9. Hodgkin lymphoma | **9-10am** | **26\11\2020**  Physical | **د\عادل صلاح** |
| 10. Indolent Non-Hodgkin Lymphoma | **9-10am** | **3\12\2020**  Physical | **أ.د \رشا حجاج** |
| 11. Aggressive Non-Hodgkin Lymphoma | **9-10am** | **10\12\2020**  Physical | **أ.د م\شيرين مصطفى** |
| 12. Overview of stem cell transplantation | **9-10am** | **17\12\2020**  Physical | **أ.د م\احمد عبد الرحيم** |
| 13. Complications of stem cell transplantation | **9-10am** | **24\12\2020**  Physical | **أ.د م\احمد عبد الرحيم** |

**Solid tumors**

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| **TOPIC** | **Time** | **Date** | **Staff member** |
| 1.Classifications and mode of action of cancer chemotherapy Principles of combination chemotherapy, adjuvant and neoadjuvant chemotherapy, | **9-10am** | **31\12\2020**  Physical | **د\عادل صلاح** |
| 2.Biological and hormonal therapy of cancer Targeted agents in clinical practices: mechanism of actions and indications, | **9-10am** | **31\12\2020**  Physical | **أ.د\رشا حجاج** |
| 3.Targeted agents in clinical practices: mechanism of actions and indications | **9-10am** | **7\1\2021**  Physical | **أ.د م\علا محمد** |
| 4.Toxicity profiles of anticancer therapies and management of common side effects | **9-10am** | **7\1\2021**  Physical | **أ.د\رشا حجاج** |
| 5.Breast cancer overview, Risk factors, screening, genetic testing, diagnosis | **9-10am** | **14\1\2021**  Physical | **أ.د م\شيرين مصطفى** |
| 6.Early breast cancer management and role of adjuvant therapy | **10-11am** | **14\1\2021**  Physical | **أ.د م\شيرين مصطفى** |
| 7.Locally advanced breast cancer | **9-10am** | **4\2\2021**  Physical | **أ.د\رشا حجاج** |
| 8.Metastatic breast cancer | **10-11am** | **4\2\2021**  Physical | **أ.د \رشا حجاج** |
| 9.Prostate cancer treatment | **9-10am** | **11\2\2021**  Physical | **أ.د\رشا حجاج** |
| 10.Bladder cancer | **9-10am** | **18\2\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 11.Renal cell carcinoma management | **10-11am** | **18\2\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 12.Esophageal and stomach cancer | **9-10am** | **25\2\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 13.Colorectal and anal cancer | **11-12am** | **8\3\2021**  Physical | **أ.د م\علا محمد** |
| 14. Pancreatic cancer | **9-10am** | **11\3\2021**  Physical | **أ.د م\أمر الله عبد المنعم** |
| 15.Liver and biliary tract cancer | **9-10am** | **12\3\2021**  Physical | **أ.د م\أمر الله عبد المنعم** |
| 16.Lung cancer | **10-11am** | **15\3\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 17.Endometrial and cervical cancer | **11-12 am** | 15/3/2021  Physical | **د\هبه فكري** |
| 18.Gastrointestinal stromal tumor (GIST) | **1-2pm** | **15\3\2021**  Physical | **اد/فؤاد ابوطالب** |
| 19.Ovarian cancer | **9-10am** | 16/3/2021  Physical | **د\هبه فكريا** |
| 20.Gestational trophoblastic tumors | **10-11am** | **17\3\2021**  Physical | **اد\هبه فكري** |
| 21.Mesothelioma& Mediastinal tumors | **9-10am** | **18/3/2021**  Physical | اد/علا الفرارجى |
| 22.Neuroendocrine tumors | **9-10am** | 22/3/2021  Physical | **اد/فؤاد ابوطالب** |
| 23.Soft tissue sarcomas | **10-11am** | **22/3/2021**  Physical | **أ.د \رشا حجاج** |
| 24.Testicular cancer | **9-10am** | **29/3/2021**  Physical | **أ.د م\أمر الله عبد المنعم** |
| 25.Bone tumors | **10-11am** | **29/3/2021**  Physical | **أ.د \رشا حجاج** |
| 26.Skin cancer (melanoma and non-melanoma) | **9-10am** | **31\3\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 27.Head and Neck cancer | **9-10am** | **7\4\2021**  Physical | **أ.د م\احمد عبد الرحيم** |
| 28.Brain tumors: primary and metastatic | **9-10am** | **14\4\2021**  Physical | **د\عادل صلاح** |
| 29.Cancer of unknown primary | **9-10am** | **21\4\2021**  Physical | **أ.د م\أمر الله عبد المنعم** |
| 30.Chemoprevention, Tumor markers in oncology | **9-10am** | **28\4\2021**  Physical | **د\عادل صلاح** |