

# Fourth Semester Courses

## Master

### Clinical Oncology ( part II)

Title of lecture	Date	Lecturer's signature
<b>* <u>Management of lung &amp; pleural cancers:</u></b> -Small cell lung cancer -Non small cell lung cancer - Pleural & Mediastinal tumors		أ.د/ هانم صقر أ.د/ حنان وهبه د/ مى الشحات
<b>*<u>Management of the breast cancer:</u></b> -Early breast cancer -Locally advanced breast cancer -Metastatic breast cancer		أ.د/ نيفين ابوطوق د/ سارة الزياد أ.د/هند الحداد
<b>*<u>Management of gynecologic tumors:</u></b> -Cervix -Uterine -Ovary, fallopian tubes and 1ry peritoneal -Gestational trophoblastic disease		أ.د/ابراهيم عوض أ.د/امل فؤاد د/ عاء شرف الدين أ.د/ غادة عزت
<b>*<u>Management of bone cancers:</u></b> -Osteosarcoma -Ewing sarcoma -Giant cell tumors & Chondrosarcoma		أ.د/فاطمة فاروق أ.د/رشا حمدى د/ سارة الزياد
* Cancers of unknown primary site		د/ سارة الزياد
*Oncologic emergencies		أ.د/احمد الدميرى

## Radiotherapy Technology (II)

<b>Title of lecture</b>	<b>Date</b>	<b>Lecturer's signature</b>
<b><u>Thoracic tumors</u></b> -Lung& pleural tumors -Mediastinal tumors		أ.د/ حنان وهبه د/ مى الشحات
<b>Breast cancer</b>		أ.د/ هند الحداد
<b><u>Gynecologic tumors :</u></b> -Cervix -Uterine - Vagina & vulval tumor.		أ.د/ ابراهيم عوض أ.د/ امل فؤاد د/ سارة الزييات
<b>Clinical uses of brachytherapy</b>		أ.د/ رشا حمدى
<b>Bone tumors</b>		أ.د/ فاطمة فاروق
<b>Palliative &amp; oncologic emergency</b>		أ.د/ غادة عزت
<b>Body irradiation</b>		د/ دعاء شرف الدين

## Nuclear Medicine (Part 2)

Title of lecture	Date	Lecturer's signature
<p><b>* <u>Therapeutic uses of isotopes:</u></b></p> <ul style="list-style-type: none"><li>-Thyroid cancer.</li><li>-Thyrotoxicosis.</li><li>-Bone metastasis.</li><li>-Polycythemia.</li></ul> <p>Radioimmunotherapy.</p>		<p>أ.د/هانم صقر د/ دعاء شرف الدين أ.د/ابراهيم عوض د/مى الشحات د/ سارة الزييات</p>
<p><b>* <u>Diagnostic scintigraphic studies of:</u></b></p> <ul style="list-style-type: none"><li>-Skeletal system</li><li>-Endocrine system (Thyroid, parathyroid, adrenal gland)</li><li>-Brain</li><li>-Heart</li><li>-Genitourinary System</li><li>-Lung</li><li>-Digestive and Hepatobiliary System</li><li>-Salivary, lacrimal glands</li><li>-Lymphatic and reticuloendothelial system</li></ul>		<p>أ.د/حنان وهبه أ.د/نيفين ابوطوق أ.د/فاطمة فاروق أ.د/ احمد الدميرى أ.د/امل فؤاد أ.د/غادة عزت أ.د/رشا حمدى د/ سارو الزييات أ.د/ هند الحداد</p>

## **Basic of Clinical Pharmacology(related to oncology)**

<b>Title of lecture</b>	<b>Date</b>	<b>Lecturer's signature</b>
Pharmacokinetics & Pharmacodynamics		
<ul style="list-style-type: none"><li>▪ <b>Antimicrobial drugs:</b><ul style="list-style-type: none"><li>• Classification.</li><li>• Mechanism of action.</li><li>• Causes of failure and resistance.</li></ul></li></ul>		
<ul style="list-style-type: none"><li>▪ <b>Antifungal drugs:</b><ul style="list-style-type: none"><li>• Classification.</li><li>• Mechanism of action.</li><li>• Causes of failure and resistance.</li></ul></li></ul>		
<ul style="list-style-type: none"><li>▪ <b>Antiviral drugs:</b><ul style="list-style-type: none"><li>• Classification.</li><li>• Mechanism of action.</li><li>• Causes of failure and resistance.</li></ul></li></ul>		
<ul style="list-style-type: none"><li>▪ <b>Cancer chemotherapy drugs:</b><ul style="list-style-type: none"><li>➤ Pharmacokinetics and pharmacodynamics of anticancer drugs</li><li>➤ Classifications of antineoplastic drugs by cell cycle and based on its chemical structure and function.</li><li>➤ Toxicity of chemotherapeutic drugs by system and their treatments.</li></ul></li></ul>		
<b>Drugs that suppress immune response &amp; Drugs that enhance immune response</b>		
Chemotherapy drugs combination and interaction.		
<ul style="list-style-type: none"><li>▪ <u>GIT drugs:</u><ul style="list-style-type: none"><li>➤ Drugs therapy for vomiting.</li><li>➤ Drugs therapy for hyperacidity.</li></ul></li></ul>		

Drugs therapy for diarrhea.		
<ul style="list-style-type: none"> <li>▪ <u>CNS drugs:</u> <ul style="list-style-type: none"> <li>➤ Analgesics and opioids.</li> <li>➤ Brain dehydrating measures.</li> <li>➤ Neurotropic drugs.</li> </ul> </li> </ul> Antiepileptic drugs.		
▪ Antihypertensive drugs		
▪ Antidiabetic drugs		
▪ Anticoagulant drugs (Thromboembolic drugs)		

## M . D

### Clinical Oncology Advanced part II

Title of lecture	Date	Lecturer's signature
<p>* <u>Recent advances in management of lung &amp; pleural cancers:</u></p> <ul style="list-style-type: none"><li>-Small cell lung cancer</li><li>-Non small cell lung cancer</li><li>-Pleural cancer</li></ul> <p>*<u>Mediastinal tumors and Primary cardiac malignancies.</u></p>		أ.د/ هانم صقر أ.د/ حنان وهبه د/ مى الشحات د/ مى الشحات
<p>*<u>Recent advances in management of gynecologic tumors:</u></p> <ul style="list-style-type: none"><li>- Vulva &amp; vagina</li><li>-Cervix</li><li>-Uterine</li><li>-Ovary, fallopian tubes and 1ry peritoneal</li><li>-Gestational trophoblastic disease</li></ul>		د/ سارة الزيات أ.د/ ابراهيم عوض أ.د/ امل فؤاد د/ دعاء شرف الدين أ.د/ غادة عزت
<p>*<u>Recent advances in management of the breast cancer:</u></p> <ul style="list-style-type: none"><li>-Early breast cancer</li><li>-Locally advanced breast cancer</li><li>-Metastatic breast cancer</li></ul>		أ.د/ نيفين ابوطوق د/ سارة الزيات أ.د/ هند الحداد
<p>*<u>Recent advances in management of bone cancers:</u></p> <ul style="list-style-type: none"><li>-Osteosarcoma</li><li>-Ewing sarcoma</li><li>-Chondrosarcoma</li><li>--Giant cell tumors &amp; Chordoma</li></ul>		أ.د/ فاطمة فاروق أ.د/ رشا حمدي د/ دعاء شرف الدين د/ مى الشحات
*Cancers of unknown primary site		د/ سارة الزيات
*Oncologic emergencies		أ.د/ احمد الدميرى

## *Nuclear Medicine Advanced part III*

Title of lecture	Date	Lecturer's signature
<p><b>* Recent advances of diagnostic scintigraphic studies of:</b></p> <ul style="list-style-type: none"><li>-Skeletal system</li> <li>-Endocrine system (Thyroid, parathyroid, adrenal gland)</li> <li>-Brain</li> <li>-Heart</li> <li>-Genitourinary System</li> <li>-Lung</li> <li>-Digestive and Hepatobiliary System</li> <li>-Salivary, lacrimal glands</li> <li>-Lymphatic and reticuloendothelial system</li></ul>		<p>أ.د/ حنان وهبه</p> <p>أ.د/ نيفين ابوطوق</p> <p>أ.د/ فاطمة فاروق</p> <p>د/ سارة الزيانت</p> <p>أ.د/ امل فؤاد</p> <p>أ.د/ غادة عزت</p> <p>أ.د/ رشا حمدى</p> <p>د/ دعاء شرف الدين</p> <p>أ.د/ هند الحداد</p>