

مقارنة ما يقدمه البرنامج من نتائج تعليمية مستهدفة مع المعايير المرجعية لبرنامج

الدكتوراة في جراحة الأورام.

أ - المعرفة والفهم:

المقررات التي تحقق المعايير الأكاديمية للبرنامج	ILOs مخرجات التعلم المستهدفة	(ARS) Benchmark Global curriculum in surgical oncology by ESSO & SSO	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرنامج قطاع الدراسات العليا (درجة الدكتوراه في جراحة الأورام)
<ul style="list-style-type: none"> -Cancer Biology & Immunology. -Cancer Epidemiology. -Essentials of treatment of cancer. -Health care of cancer patients. -Nutritional science of oncology. -Applied pathology. -Pain treatment in oncology patients. -Experimental surgery. -ICU for oncology patients 	A1-39 and A72-85.	<ol style="list-style-type: none"> 1-Discuss Epidemiology of cancer 2-Identify the principles of screening for cancer 3-Recognize the principles of Chemotherapy 4-Recognize the principles of Radiation therapy 5-List Biologic and immunotherapy 6-Identify chronic pain management 7-Discuss Palliative care 8-Recognize medical imaging 9-Define multidisciplinary care 10-Discuss diagnostic pathology 11-Recognize surveillance 12-Discuss Cancer biology 13-Identify delivering care across all resource settings 14-Discuss hereditary cancer syndromes 	<ol style="list-style-type: none"> 1-Theories, concepts and specialized knowledge of the learning area and also sciences appropriate to the professional practice 2- The basics, methodologies, ethics of scientific research and its versatile tools 3-Scientific developments in the field of specialization
<ul style="list-style-type: none"> -Surgical Anatomy. -Applied Pathology. -Surgical Oncology. -Rehabilitation of oncology patients. -Psychiatry of oncology patients. 	A40-71 and A86-92.	<ol style="list-style-type: none"> 15-Discuss and identify the principles of management of malignancies involving: Breast, Colorectal/anal cancer, Esophagus, gastric/GE junction, Small intestine, Pancreas, Liver and biliary tract, Endocrine, Cutaneous oncology, Sarcoma, Peritoneal surface, Thoracic, Genitourinary and Gynecology 16-Identify Pathology applied to each disease-specific site 	<ol style="list-style-type: none"> 4-Moral and legal ethics of the professional practice in the area of specialization 5-The concepts and principles of quality of the professional practice in the area of specialization. 6- The knowledge on the effects of professional practice on the environment and ways of development and maintenance of the environment

ب - القدرات الذهنية :

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Global curriculum in surgical oncology by ESSO & SSO	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراه في جراحة الأورام)
-Surgical Oncology. -General surgery. -ICU for oncology patients.	B1-29	1-Criticize surgical procedures and techniques 2-Enlist various surgical approaches 3-Dicuss patient selection 4-Emloy risk stratification prior to surgery 5-Emloy operative planning based on imaging/staging 6-Emloy obtaining consent for operative procedures 7-Discuss intraoperative care 8-Discuss postoperative care 9-Analyze principles of postoperative critical care	1-Analyze and evaluate of information in the field of specialization and make full use of such information to solve problems. 2-Solve specific problems on the basis of limited and contradictory information. 3- Carry out a research studies to add new information to the knowledge. 4- Write scientific papers 5-Assess and analyze risks of the professional practice in the field of specialization. 6-Plan to improve performance in the field of specialization 7-Make good decisions in different professional aspects 8-Have innovation/creativity 9-Discuss and negotiate in high level of confidence based upon proofs and evidences

ج - المهارات العملية:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Global curriculum in surgical oncology by ESSO & SSO	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراه في جراحة الأورام)
-Surgical oncology. -Surgical anatomy. -Applied pathology.	C1-12	1-Apply holistic patient care 2-Apply medical knowledge 3-Demostarte professionalism 4-Demonstrate experiential learning 5-Apply systems-based practice 6-Gain operative skills 7- Be able to share in research	1-Apply modern and principle professional skills in the area of specialization. 2-Write and evaluate technical reports. 3-Adopt assessment methods and tools existing in the area of specialization. 4-Use of the appropriate technological means to serve the professional practice. 5-Plan to improve the performance of the professional practice and development of the performance of others

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark Global curriculum in surgical oncology by ESSO & SSO	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الدكتوراه في جراحة الأورام)
-Surgical oncology.	D1-10	1-Demonstrate Inter-professional and communication skills 2-Respect the human/compassionate side of medicine	1-Communicate effectively in different aspects. 2-Demonstrate efficient IT capabilities in such a way that serves in the development of the professional practice. 3-Manage the scientific meetings and manage time 4-Adopt self-assessment and specify his needs of personal learning. 5-Use different resources for information and knowledge. 6-Collaborate effectively within multidisciplinary team and lead teams in different professional contexts. 7-Demonstrate a high level of competence in the time management.