

مقارنة ما يقدمه البرنامج من نتائج تعليمية مستهدفة مع المعايير المرجعية لبرنامج
الماجستير في الجراحة العامة

أ – المعرفة والفهم:

المقررات التي تحقق المعايير الأكاديمية للبرامج	مخرجات التعلم المستهدفة ILOs	(ARS) Benchmark	(NARS) المعايير القومية الأكاديمية القياسية العامة لبرامج قطاع الدراسات العليا (درجة الماجستير في الجراحة العامة)
Anatomy Sur 501	A4	Principles and basic concepts in the field of anatomy	1- Principles and basic concepts in the field of
Surgical Pathology sur 506	A2	Principles and basic concepts in the field of pathology	1- Principles and basic concepts in the field of
General surgery Sur 520	A11	Apply the standards of system-based practice	2- Systems-based Practice Candidates must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to: (1) work effectively in various health care delivery settings & systems relevant to their clinical specialty; (2) coordinate patient care within the health care system relevant to their clinical specialty; (3) incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate; (4) advocate for quality patient care and optimal patient care systems; (5) work in inter-professional teams to enhance patient safety and improve patient care quality; and, (6) participate in identifying system errors and implementing potential systems solutions.
Microbiology Sur 507	A3	Recent advances in the field of microbiology	3- Recent advances in the field of
Clinical Pharmacology Sur 505	A6	Recent advances in the field of pharmacology	Recent advances in the field of
Biochemistry Sur 504	A5	Legal and medicolegal aspects in practice of Medical biochemistry	4- Legal and medicolegal aspects in practice of Medical biochemistry and molecular biology as well as medical ethics.
			5-Principles and basic concepts of quality in professional practise including planning, improvement of performance and control of practising outcomes.
Statistics research sur 520 SRM	A10	Basics of medical research	6- Ethics in research.

ب – القدرات الذهنية :

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General Surgery Sur 520	B2, B3	To interpret clinical symptoms and signs of surgical diseases to reach proper diagnosis. B3 To Interpret the various laboratory and radiologic findings to reach the proper diagnosis.	1- Data interpretation and proper diagnosis In this domain residents must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social behavioral sciences, as well as the application of this knowledge to patient care.
General Surgery Sur 520	B4	Application of evidence based medicine in problem solving	2- Medical problem solving.
General Surgery Sur 52	B4	Application of evidence based medicine in problem solving	3- Evidence-based medicine.
Statistics research sur 520 SRM	B7	Conducting biomedical research and how to design a study	4- Principles of conducting scientific research, writing research design and formulation of research hypothesis.
Surgical Pathology sur 506 General surgery Sur 520	B5	Assessment of predisposing and risk factors for various surgical conditions.	5- Risk assessment in medical practise.
General surgery Sur 520	B10	Understanding deficiencies and point of weakness and applying a system of self- assessment and feedback to further improve and acquire more skills in a systematic order.	6- Planning for improvement of professional performance in the field Residents are expected to develop skills and habits to be able to meet the following goals: (1) identify strengths, deficiencies, and limits in one's knowledge and expertise; (2) set learning and improvement goals; (3) identify and perform appropriate learning activities; (4) systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement; (5) incorporate formative evaluation feedback into daily practice; (6) locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems; (7) use information technology to optimize learning; and participate in the education of patients, families, students, residents and other health professionals
General Surgery Sur 520	B11	Application of decision making strategy	7- Decision making skills.

ج - المهارات العملية:

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General Surgery Sur 520	C5	Express compassion, integrity, and respect for others and show responsiveness to patient needs that supersedes self-interest whilst keeping full respect for patient privacy and autonomy	1- Professionalism and up to date practice. Residents provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. In this context; Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate: (1) compassion, integrity, and respect for others; (2) responsiveness to patient needs that supersedes self-interest; (3) respect for patient privacy and autonomy; (4) accountability to patients, society and the profession; and,(5) sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.
General Surgery Sur 520	C6	Write accurate, honest, and complete medical reports about patients' conditions.	2- Medical report writing and evaluation/appropriateness of patient medical report.
General Surgery Sur 520	C7	Application of a system of self- assessment and feedback to further improve and acquire more skills gradually.	3- Ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning.

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General Surgery Sur 520	D2, D3, D4	Working in multidisciplinary teams to provide best care for the patients	1- Interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals
General Surgery Sur 520	D8	Using IT and electronic databases for registration and recording and organizing audits for morbidity and mortality.	2- Effective use of IT and healthcare information system in medical practise and patient medical records to optimize learning; and participate in the education of patients, families, students, residents & other health professionals
General Surgery Sur 520	D7	Self-assessment policy	3- Self-appraisal and needs assessment.
General Surgery Sur 520	D1	Critical reading of the medical literature.	4- Accessibility to specialty-specific and other appropriate reference material in print or electronic format. Electronic medical literature databases with search capabilities .
General Surgery Sur 520	D7	Feedback use	5- Incorporate formative evaluation feedback into daily practice.
General Surgery Sur 520	D2, D3	Working in groups	6- Team work/leadership.
General Surgery Sur 520	D8	Time management	7- Time management.
General Surgery Sur 520	D6	Self-learning and acquiring new skills by watching	8- Self-learning ability and continuous medical education programme participation.