



Medical Internship

Policies, regulations and procedures

College of Medicine at Shaqra

2021-2022

Contents

Introduction	Error! Bookmark not defined.
Medical Internship	5
Core Values	5
Learning outcomes	0
Medical Internship Governance	0
Role of the MI Coordinator	1
Role of the Specialty (Department) Representative:	1
Role of Clinical Supervisor	1
Intern's Responsibilities and rights.....	2
Medical Intern rights include:.....	2
Applying to Medical Internship	3
Starting Medical Internship	3
A typical orientation day would include:.....	4
Objectives of Different Placements	4
Assessment	8
Educational Portfolio	Error! Bookmark not defined.
Mandatory Formative Assessment.....	Error! Bookmark not defined.
Logbook.....	Error! Bookmark not defined.
Mini Clinical Evaluation Exercise.	Error! Bookmark not defined.
Case-Based Discussion.....	Error! Bookmark not defined.
Directly Observed Procedural Skills.....	Error! Bookmark not defined.
Completing Medical Internship program	8
Medical Internship Program Competencies	8
Basic Procedural Competencies.	11

Terms, Definitions and abbreviations

Preface

This document is the main reference for the internship training program organization, regulations, policies and procedures medical training during INTERNSHIP YEAR at University of Shaqra College of Medicine

Internship training Program Definition

The internship training program is the clinical training rotations spreading over twelve months starting immediately after successful completion of all program academic courses at University of Shaqra College of Medicine which corresponds to the end of Semester 12.

Training clinical rotation

The clinical rotation is a period of one or two months that an intern spent in a specified specialty to acquire clinical experience in a setting of supervised clinical responsibility.

Training Centre

Training center is a recognized for training by the Saudi Commission for Health Specialties hospitals or medical and research centers for training interns that is approved by the faculty board of University of Shaqra College of Medicine.

Abbreviations

SUCOM – Shaqra University College of medicine

SCFHS – Saudi Commission for Health Specialties

WFME – World Federation of Medical Education

Introduction

Successful completion of a medical education program courses Graduating from the medical school is not the end of journey, it the start of the career. The University of Shaqra, College of Medicine (SUCOM) medical students should enroll on the internship year (INTERNSHIP YEAR) which continues for 12 months, within the first 6 months after successful completion of medical education program courses as the first graduation requirements. Completion of INTERNSHIP YEAR is required for the graduates to obtain the graduation certificate and license to practice from Saudi Commission for Health Specializations. The aim of INTERNSHIP YEAR is to provide a general clinical training in a supervised clinical setting responsibility in order that intern acquire the necessary skills, competencies and values needed for the practice of Medicine. Hence internship act as a transitional phase needed to step up medical student to a qualified physician. The program of internship includes practical training in recognized hospitals with possibility of having the elective courses in private hospitals.

The graduates of SUCOM, are assured that they received a high-quality evidence-based medical education, and they should look forward to receiving the best training during their Medical Internship (MI) to realize SUCOM mission and goals which are graduating physician of tomorrow.

The aim of this document is to explain the principles, goals and terms, of internship at University of Shaqra College of Medicine. It is a guide for the learning and working environment during MEDICAL INTERNSHIP as well as the governing regulations, policies and procedures. The INTERNSHIP YEAR is the steppingstone for future medical practice and residency training hence the needs for a well-planned, designed and organized training program. The training during the INTERNSHIP YEAR is structured, systematic, supervised and assessed. The assessment takes place after each rotation and is carried out against pre-set skills, competencies and values needed for provision of best evidence-based optimal patient care consisting with the level of general practitioner.

The College of Medicine is the responsible authority for the MEDICAL INTERNSHIP realizing this job through a specialized Medical Internship Unit as administrative body and Internship Committee as supervising and governing body.

Mission:

We are committed to graduate competent, professional, and lifelong learner physician through the SHAQRA model:

B –Best medical education environment.

I –Intersectoral and community participation .

S –Scientific research.

H–Holistic health care approach.

A–Accountability and leadership.

Medical Internship

INTERNSHIP YEAR is the seventh year of medical education and training program. It is a mandatory requirement for the graduates to be eligible for the award of bachelor's degree in medicine and surgery (MB, BS). A graduate must successfully complete all academic courses of the medical program before starting his internship training. Upon successful completion of Medical Internship Program, which spreads for 12 months, the graduate will receive a graduation certificate thereafter is considered eligible to practice medicine.

Medical Internship is a supervised training period spent in different specialties during which, the intern should display a professional conduct, self-regulation, clinical responsibility and stepwise personal and professional development. During MEDICAL INTERNSHIP the graduate should fulfill the essential educational and training components of practice-based experiences, feedback and reflection in practice enabling him to develop a variety of professional and personal skills considered essential for working in a complex health care system. In addition, the intern needs to be exposed to a wide range of medical career options to enlighten his future career.

The Medical Internship Training Program is considered a continuum of the undergraduate medical curriculum (SPICES model), at SUCOM built around the domains of:

1. **Clinical management:** by provision of patient-centered care, applying an integrated concept of medical practice (prevention, early diagnosis, cure, rehabilitation, health promotion, taking into consideration the familial, social, economic and psychological status of the patient.
2. **Medical practice:** by effectively participating in all aspects of the healthcare, demonstrating a commitment towards well-being of individuals and the community demonstrating leadership and team work skills.
3. **Professionalism:** by adhere to the professional, ethical and societal values, profession led regulation, and high personal standards of behavior.
4. **Communication skills:** by creating effective doctor-patient relationship, demonstrating efficient participation in team work within the healthcare system.
5. **Professional and personal development:** by preparing the intern to work independently, taking the appropriate decisions on one's own others (patients, their family, the health system and colleagues) concern demonstrating lifelong learning, self-regulation and reflective practice.

Core Values

Framework for Medical Intern Competencies has the following core values:

1. Teamwork
2. Lifelong learning
3. Excellence
4. Accountability
5. Professionalism and leadership
6. Respect of religious and societal values

The MEDICAL INTERNSHIP is designed to ensure that graduates of SUCOM develop, demonstrate and maintain its graduates' attributes

Graduates' Attributes

- 1. Scientifically updated and culturally aware practitioner.**
- 2. Self-regulating lifelong learner.**
- 3. Critical thinker accepting other's opinions.**
- 4. Culture of moderation spreading, attuned to his homeland and culture citizen.**
- 5. Creative leader.**
- 6. Efficient communicator.**
- 7. Ethical, self-confident skillful medical professional.**
- 8. Evidence base oriented researcher.**
- 9. Wide scope collaborator.**
- 10. Contemporary physician.**
- 11. Trust worthy advocator.**

Learning outcomes

On successful completion of internship training, the intern should be able to:

- Appropriately manage common diseases including emergencies consistent with the level of general practitioner including follow up of patients in needs.
- Work harmoniously and efficiently as a leader and a member of medical and health teams.
- Demonstrate critical thinking and decision taking skills.
- Provide comprehensive holistic evidence-based health care including disease prevention and health promotion
- Display professional and ethical conduct including evaluation of self-abilities and limitations, seeking help and advice whenever the situation dictate.
- Communicate effectively with different audiences, using different ways and media
- Apply the principles of clinical governance.
- Demonstrate commitment to lifelong learning, professional and personal development.
- Provide constructive reflective feedback on his performance and achievement

Medical Internship Governance

Medical Internship (MI) is governed by the Medical Internship Unit (MIU) and Medical Internship Program Committee under the umbrella of the Supervisor of Academic Affairs, College of Medicine, University of Shaqra. The head of MEDICAL INTERNSHIP UNIT is the chairperson of Medical Internship Program Committee. The members of the MEDICAL INTERNSHIP UNIT should represent the mandatory rotations specialties and act as specialty coordinators. MEDICAL INTERNSHIP UNIT governs MEDICAL INTERNSHIP based on the following Principles and charges:

- The Medical internship program at SUCOM.
- Runs administrative affairs related to medical internship program.
- Deals with arising issues related to the interns.
- Prepares an ideal training and learning environment.
- Conducts educational activities to enhance intern's skills development.
- Promotes research activities in collaboration with interns.
- Orients medical intern for future career choices and opportunities.

Internship eligibility criteria:

- Starting internship is allowed only after successful completion of prerequisite academic courses of the MB, BS program

Internship scheduling:

The interns are offered the opportunity for preliminary selection of preferred scheduling and training sites, however this does not grantee the realization of these choices. Internship scheduling (days, dates, time sites and sequence) is defined by the MEDICAL INTERNSHIP UNIT.

Role of the MEDICAL INTERNSHIP Coordinator:

The MI coordinator facilitates the unit work and reports to the Director of MEDICAL INTERNSHIP UNIT.

Role of the Specialty (Department) Representative - Coordinator:

The Specialty Representative - Coordinator is a Faculty member in SUCOM, a Member in the MEDICAL INTERNSHIP UNIT and expected to be:

- Approachable and easily accessible to medical interns assigned in the placement to establish a healthy rapport.
- A good communicator and advocate and enhance intern's training.
- Provide counseling and advice for the medical intern in relation to career planning and dealing with work pressures.
- Committed to the education and training within his specialty.
- Able to deal effectively with all arising issues that concern the intern within the specified specialty.
- A good role model demonstrating commitment to the development of the profession.

The specialty Representative should receive feedback from rotating medical interns on the following aspects:

- The range and effectiveness of teaching and training methods.
- The usefulness and effectiveness of teaching and clinical support provided to them.
- The degree of collaboration with the supervisor in planning learning outcomes and programming the supervision.
- The degree of support in the provision of information on further training opportunities.
- The degree of support on addressing performance issues and conflict resolution.

Role of Clinical Supervisor

The Clinical supervisor is a clinician preferable a senior at the site of training who has been given the responsibility to organize and supervise the training of Medical Interns. He serves a liaison role between junior doctors, administration, and senior colleagues. The role of a clinical supervisor in clinical teaching includes:

- direct observation,
- discussions on clinical problems and interesting cases,
- joint consultations,
- formal teaching on specific topics,
- demonstrations, and participation in clinical procedures
- Small group discussions
- Discussion of overall experience with the intern,
- Constructive feedback (reflection) from the intern on the strength, weakness and progress.

The supervisor is expected to provide support to the intern in the following aspects:

1. Provide orientation to the work place and practice ensuring that:
 - The intern is introduced to all members of the department
 - The stages of training and responsibilities of the intern is known by all members of the department.
 - The intern is aware about the location of educational resources.
2. Provide supervision to the medical intern at a level appropriate to their level of training as indicated below:
 - Medical intern should not take the principal responsibility of individual patient.
 - The clinical supervisor or the designee must be always physically present in the workplace whilst the intern is providing clinical care.
 - If the supervisor is absent from the medical practice, his/her duties should be delegated to a colleague after coordinating with the coordinator.
3. Clinical Supervisor will provide professional education and clinical training of Interns, including ethical issues, career guidance, self-education, etc.

Intern's Responsibilities and rights

Medical Intern is responsible for their learning and performance including attendance.

They will maintain an up-to-date portfolio. There will be emphasis on gradual increasing responsibilities for patient care that facilitates the progress from being supervised to independence.

During MEDICAL INTERNSHIP, each intern is expected to:

- Have received required vaccinations.
- Follow dress code specified by the training site.
- Have obtained Basic Life Support (BLS) certificate.
- Perform assigned work with responsibilities.
- Be a professional and effective team member.
- Provide safe evidence-based supervised patient care.
- Obtain comprehensive medical history and perform appropriate physical examination on patients with different ages and presentations demonstrating ability of presenting and recording their them by different means including electronically.
- Prepare a list of differential diagnoses with prioritization, working diagnoses, appropriate investigations, and a management plan.
- Seek approval from the clinical supervisor prior to executing the management plan.
- Follow and document the management plan, results of investigations, and any changes in the patient's condition.
- Adhere to the professional conduct of the profession and workplace in addition to the rules and regulations of the assigned department.

Medical Intern rights:

- Training under the supervision of a SCFHS certified staff.

- Availability of a rich training and academic environment.
- Receiving proper and professional treatment.
- Enjoying leaves as per College of Medicine policy and procedures.
- Awareness of assessment and evaluation in different placements.
- Any dispute should be brought to the attention of the placement supervisor, specialty representative and/or head of MEDICAL INTERNSHIP UNIT.

Applying to Medical Internship

After Completion of all pre-requisite for MEDICAL INTERNSHIP the intern will be eligible to start his rotations which should start at the beginning of a Gregorian month. The MEDICAL INTERNSHIP will be distributed into tracks (distributed upon GPA). Once the tracks are officially released, no changes will be allowed unless reviewed and agreed by MEDICAL INTERNSHIP UNIT under special conditions. Medical interns can have their specialty rotations in any hospital/training Centre accredited by the Saudi Commission for Health Specialties and approved by the college of medicine to ensure high quality training and proper supervision. The assignments of placements will depend on the latest available cumulative GPA. The placements during MEDICAL INTERNSHIP include:

No	Specialty	Period (in months)
1	Medicine	3
2	Surgery	2
3	Obstetrics & gynecology	2
4	Pediatrics	2
5	Emergency medicine	1
6	Electives	2
NB: Request for elective placement should be submitted at least two months in advance		

Award of certificate:

After successful completion of training, intern should submit the program specific “internship booklet” signed by the supervisors for each rotation to the program internship coordinator of the Faculty. The Faculty will grant the intern a certificate after the approval of program internship committee. The certificate will provide the overall grade obtained by the intern in the training as well as the details of different disciplines and the percentage of the marks obtained in each discipline.

Note: Any intern who fails to submit internship booklet will not be awarded internship completion certificate.

Starting Medical Internship

Before the commencement of the first placement, there will be an orientation course for MEDICAL INTERNSHIP program. This will include roles, regulation, timetable and further information. Intern should be aware about the fact that any delay or interruption of MEDICAL INTERNSHIP will be subject to the College of Medicine policy and procedures.

A typical orientation day program:

- Introduction to Internship that includes: Educational needs and requirements, appraisal methods, counseling, duties and responsibilities, and support services, medical ethics, and medical-legal issues.
- Overview of The Medical Internship program at SUCOM, including assessment in MEDICAL INTERNSHIP and Educational Portfolio.
- Safe Patient Practice.
- Medication Safety.
- Health Information System.
- Picture Archiving Communication System (PACS)
- Infection Prevention & Control.

Objectives of Different Placements

Internal Medicine

At the completion of this placement, the Medical Intern will be able to:

- Undertake a competent clinical assessment of a patient with an undifferentiated presentation of common medical conditions.
- Demonstrate systematic approach to the evaluation of a patient with multisystem illnesses, including the ability to prioritize the different problems present.
- Show familiarity with the diagnostic patterns used in the evaluation of patients with common medical conditions.
- Demonstrate ability to deal with common medical emergencies and trauma.
- Perform Complete Basic Life Support (BLS) and preferably Advanced Cardiac Life Support (ACLS).
- Select, order and interpret the results of the main tests relevant to the investigation of the presentation of common medical problems.
- Make recommendations for the initial phases of management of common medical conditions.
- Maintain comprehensive records of care provided to patients, including regular updates.
- Demonstrate the ability to maintain a professional relationship with patients during the course of their illness, including the provision of full explanation and support to both patients and their families or care providers.
- Demonstrate the ability to obtain informed consent for invasive procedures.

Surgery

At the completion of this placement, the Medical Intern will be able to:

- Undertake a competent clinical assessment of a patient with an undifferentiated presentation of common surgical conditions, including conditions related to the breast, neck, abdomen, testis, joints and bone, brain and spine etc.
- Demonstrate ability to deal with common surgical emergencies and trauma.
- Complete Basic Life Support (BLS) and preferably Advanced Trauma Life Support (ATLS).

- Show a systematic approach to the evaluation of a patient with multisystem illnesses, including the ability to prioritize the different problems present.
- Demonstrate understanding of the management and possible complications of: hernias, testicular problems, common endocrine conditions, breast, and common surgical emergencies.
- Evaluate common co-morbid conditions in patients with a surgical condition, including diabetes mellitus, hypertension, asthma.
- Demonstrate familiarity with the diagnostic patterns used in the evaluation of patients with common surgical conditions.
- Select, order and interpret the results of the main tests relevant to the investigation of the presentation of common surgical problems.
- Make recommendations for the initial phases of management of common surgical conditions.
- Maintain comprehensive records of care provided to patients, including regular updates.
- Demonstrate the ability to maintain a professional relationship with patients during the course of their illness, including the provision of full explanation and support to both patients and their families or care providers.
- Demonstrate the ability to obtain informed consent for invasive procedures.

Obstetrics and Gynecology

At the completion of this placement, the Medical Intern should be able to:

- Undertake a competent clinical assessment of a patient with an undifferentiated presentation of common obstetrical and gynecological conditions, including: pregnant women, menstrual history etc.
- Demonstrate sensitive communication with female patients.
- Demonstrate ability to deal with common obstetric and gynecological emergencies and trauma.
- Perform Complete Basic Life Support (BLS).
- Demonstrate a systematic approach to the evaluation of a patient with multi-system illnesses, including the ability to prioritize the different problems present.
- Demonstrate knowledge and skills needed to deal with a woman in labor and delivery.
- Assess fetal well-being.
- Demonstrate ability to use Pinard stethoscope and take CTG.
- Demonstrate understanding of the management and possible complications of: abnormal labor and delivery, abnormal postnatal care, vaginal bleeding, incontinence and prolapse, treatment of infections.
- Evaluate common co-morbid conditions in patient with a pregnancy condition, including: diabetes mellitus, hypertension, asthma.
- Show familiarity with the diagnostic patterns used in the evaluation of patients with common obstetrical and gynecological conditions, including: urinary pregnancy test, quantitative HCG assessment, routine antenatal screening investigations, use of ultrasound techniques, abnormal CTG traces, Pap Smear
- Make recommendations for the initial phases of management of common obstetrical and gynecological conditions.

- Maintain comprehensive records of care provided to patients, including regular updates.
- Demonstrate the ability to maintain a professional relationship with patients during the course of their illness, including the provision of full explanation and support to both patients and their families or care providers.
- Demonstrate the ability to obtain informed consent for invasive procedures.

Pediatrics

At the completion of this placement, the Medical Intern will be able to:

- Obtain a full history and perform physical examination for a preschool and school-aged child.
- Obtain a full history perform physical examination for an adolescent: Seek further relevant information related to differential diagnosis.
- Demonstrate awareness of issues in examination of child and adolescent at risk.
- Take a child's temperature and record on chart demonstrating correct use of different methods/sites.
- Perform ear examination using the otoscope
- Measure blood pressure (including use of non-electronic sphygmomanometer) and plot on chart for infant and older child.
- Perform urinalysis.
- Measure and plot on chart head circumference, weight and height for an infant, older child and adolescent.
- Measure blood glucose using a glucometer demonstrating correct use of stylet.
- Observe and assess on performing lumbar puncture.
- Measure peak expiratory flow and understand principles of spirometry.
- Collect specimens for microbiological examination such as urine, throat swabs, nasopharyngeal aspirates and skin swabs.
- Interpret results of full blood count and blood film.
- Interpret results of blood biochemistry report.
- Interpret results of arterial blood gas report recognizing normal and abnormal findings.
- Interpret microbiological analyses of specimens of urine, blood, stool, sputum, nasopharyngeal aspirate and cerebrospinal fluid.
- Interpret and discuss plain x-rays of the chest, abdomen, skull and musculoskeletal system in a child.
- Acquire the basic knowledge in the management and therapies of common general pediatric problems and of the different subspecialties.
- Calculate and chart a pediatric drug dosage correctly using weight or surface area.
- Recognize and use sources of recommended dosages and chart correctly.
- Instruct a child and/or parent in the use of a variety of age-appropriate devices for asthma medication delivery, demonstrating knowledge of medication appropriate devices, conveyed in appropriate language to parent/caregiver and child.
- Convey information about investigations required and investigation results in appropriate language and with accuracy based on evidence and verify patient/parents/caregiver understanding. Convey information to parents about immunization schedule, indications and contraindications.

- Perform routine immunization confirming appropriate site, equipment and technique. Perform Pediatrics Advanced Life Resuscitation (PALS) in children of all ages.
- Provide information to parents and caregivers of chronically ill and disabled children.
- Provide explanations of common conditions to parents and children such as asthma, croup, gastrointestinal illness, febrile seizures, otitis media and upper respiratory tract infections.
- Demonstrate ability to communicate effectively and accurately regarding ongoing care, management plans and responsibilities.
- Display responsibilities regarding notification of children at risk.
- Demonstrate awareness of the issues in ongoing care for children of families living in rural and regional areas and the medical management difficulties for these families.

Emergency Medicine

At the completion of this placement, the Medical Intern will be able to:

- Identify critically ill patients (impending or actual circulatory, respiratory and renal failure and situations that are likely to lead to them)
- Initiate immediate management as needed. Assess the trauma patient.
- Understand the disturbed physiology reflected in critical care situations.
- Demonstrate the ability to recognize and assess acutely ill patients, arrange appropriate urgent investigations and initiate immediate management.
- Show understanding of the principles of triage.
- Demonstrate understanding of the indications for change to a palliative approach to management.
- Participate efficiently in more advanced life support.
- Show ability to practice safe airway management and to have skills for basic CPR, such as: secure a patent airway, apply oxygen therapy, conduct external cardiac massage, bag valve mask ventilation, conduct defibrillation, and identify conditions requiring urgent referral.
- Assess patients with potential threat to airway, ventilation, or circulation.
- Gain an understanding of the common medical surgical emergencies and the approach to these patients.
- Interpret basic clinical investigations in their clinical context such as: cervical spine x-ray, ECG, chest x-ray, arterial blood gases.
- Demonstrate understanding of the importance of working in a multi-disciplinary team in the Emergency Department.
- Identify which illnesses require/ do not require hospital admission for either therapy or investigation.
- Prescribe the immediate management of life-threatening illnesses.
- Communicate professionally bad news to patients and relatives.
- Demonstrate strategies for dealing with uncooperative patients and relatives.
- Show familiarity with the information systems used in the Emergency Department.
- Demonstrate skills of time management.
- Prioritize issues when dealing with patients in the Emergency Department.
- Demonstrate common Procedural Skills: airway management, chest tube insertion, BLS, ACLS, and PALS management, venipuncture and venous cannulation, blood gas collection, urinary catheterization, suturing, application of Plaster of Paris.

Assessment

The Medical Intern will be assessed with multiple tools against standards of competencies at a level of first year resident in any specialty. The assessment underpinning Medical Internship Program at SUCOM are clinically oriented, directly observed, and work based. There will be a set of generic competencies applied for all placements. Twenty competencies in four domains are identified. The score will range from 1 – 10 with a total score of 100. The four domains are: clinical management, medical practice, professionalism, communication skills. Each MEDICAL INTERNSHIP should review his/her assessment form and sign it.

Signing this form indicates that the intern is informed but does not necessarily mean that they agree with the assessment. A score of less than 60% indicates that the performance is below average. The director of MEDICAL INTERNSHIP may advise to repeat the rotation or part of it after conducting appropriate consultations. Any disciplinary action or grievance should be submitted to the Director of MEDICAL INTERNSHIP UNIT where it will be discussed in the MEDICAL INTERNSHIP Committee. This will follow the College of Medicine policy and procedures for MEDICAL INTERNSHIP program.

Completing Medical Internship program

At the end of MEDICAL INTERNSHIP, the intern will be issued **Medical Internship Completion Certificate**. Based on this certificate, the Medical Intern will be eligible to receive the MBBS certificate. The following should be available prior to issuing MEDICAL INTERNSHIP completion certificate:

- All end of placement “Intern Competency Assessment” forms.
- Complete portfolio.
- Complete separation clearance.

Medical Internship Program Competencies

Assessment during MEDICAL INTERNSHIP will cover knowledge, attitudes, behaviors, skills in different.

domains. Medical Interns are encouraged to learn as much as they can. However, they are not expected to be exposed to all the skills and procedures listed in FMIC.

I. Clinical Management

Medical interns are expected to appropriately assess patients presenting with common, important conditions, including the accurate identification of symptoms, signs and/or problems and their differential diagnosis and then use that information to further manage the patient, consistent with their level of responsibility. Interns are expected to deal with the undifferentiated problems and specific conditions and seek help where they recognize they have insufficient knowledge or skills to deal with the problem or condition (Box 6). The clinical Management domain will cover the following competencies:

- A. Acquire clinical knowledge.
- B. To be able to:
 - Take history and perform physical examination.
 - Construct differential diagnosis.
 - Plan investigations and management
 - Prescribe medications safely.

- Keep an accurate and relevant medical record.
 - Apply SOAP approach (Subjective, Objective, Assessment, and Plan) in follow-up of patients.
 - Maintain Medical records
- C. Acquire core skills in acute care.

Box 6: Common problems and conditions recommended for Medical Interns.		
<input type="checkbox"/> Acute asthma	<input type="checkbox"/> Diarrhoea	<input type="checkbox"/> Post Operative Care
<input type="checkbox"/> Acute cough	<input type="checkbox"/> Domestic Violence	<input type="checkbox"/> monitoring vital signs
<input type="checkbox"/> Abdominal pain	<input type="checkbox"/> Envenomation	<input type="checkbox"/> Fluid balance
<input type="checkbox"/> Anaphylaxis	<input type="checkbox"/> Falls, esp. in the elderly	<input type="checkbox"/> Pain relief
<input type="checkbox"/> Bleeding in the 1st trimester	<input type="checkbox"/> Gastrointestinal bleeding	<input type="checkbox"/> Psychosis
<input type="checkbox"/> Breathlessness	<input type="checkbox"/> Headache	<input type="checkbox"/> Urinary Tract Infections
<input type="checkbox"/> Cardiac Arrhythmias	<input type="checkbox"/> Heart failure	<input type="checkbox"/> Reduced Urinary Output
<input type="checkbox"/> Chest pain	<input type="checkbox"/> Hypertension	<input type="checkbox"/> Rehabilitation
<input type="checkbox"/> Child Abuse	<input type="checkbox"/> Ischaemic heart disease	<input type="checkbox"/> Renal failure
<input type="checkbox"/> Chronic cough	<input type="checkbox"/> Injury	<input type="checkbox"/> Septicaemia
<input type="checkbox"/> Chronic Obstructive Pulmonary Disease	<input type="checkbox"/> Liver disease	<input type="checkbox"/> Sexually Transmitted Infections
<input type="checkbox"/> Coma	<input type="checkbox"/> Loss of consciousness	<input type="checkbox"/> Stroke/TIA
<input type="checkbox"/> Constipation	<input type="checkbox"/> Minor trauma	<input type="checkbox"/> Subarachnoid haemorrhage
<input type="checkbox"/> Delirium	<input type="checkbox"/> Non-specific febrile illness	<input type="checkbox"/> Tiredness/Anaemia
<input type="checkbox"/> Dementia	<input type="checkbox"/> Pain - acute and chronic	<input type="checkbox"/> Upper airway obstruction
<input type="checkbox"/> Depression and anxiety	<input type="checkbox"/> Palliative Care:	<input type="checkbox"/> Urinary Incontinence
<input type="checkbox"/> Diabetes: new cases and complications	<input type="checkbox"/> Patient transfer	<input type="checkbox"/> Urinary symptoms
	<input type="checkbox"/> Respiratory infections	<input type="checkbox"/> Weight gain
	<input type="checkbox"/> Poisoning	<input type="checkbox"/> Weight loss

II. Medical practice:

Medical Interns are expected to understand and be involved in continuous quality improvement as it relates to the enhancement of patient care, safety, and management. They will demonstrate the knowledge, skills, attitudes, and competences needed:

- To start self-directed life-long learning.
- To use evidence and guidelines that will benefit patient care.
- To undertake a role in teaching and presentation
- To educate patients effectively about:
 - Health care and disease prevention, investigations and therapy.
 - Lifestyle modification related to environmental and biological factors.
 - Smoking and alcohol.
- To be available and accessible.
- To maintain evidence of punctuality.

III. Professionalism

Medical Interns are expected to reflect and maintain a level of behavior that is appropriate with the community standard of the medical profession. Medical Interns are expected to involve themselves in activities that promote the continuation of

education and learning throughout their working life and contribute to the education patients. Medical Interns are expected to understand the doctors' role within the context of the health care system and the community. This domain will cover the following competencies:

1. Demonstrate appropriate time management and decision-making.
2. Understanding the principles of clinical governance.
3. Ensure and promote patient safety:
 - Practice patient-centered care.
 - Make patient safety a priority in clinical practice.
 - Understand the importance of good team work for patient safety.
 - Understand the principles of quality and safety improvement.
 - Understand the needs of patients who have been subject to medical harm or errors.
4. Apply principles of infection control.
5. Understand the principles related to ethical and legal issues:
 - Medical ethical principles.
 - Confidentiality.
 - Informed consent.
 - Legal framework of medical practice.
 - Maintain educational portfolio to reflect personal professional development.

IV. Communications skills

Medical Interns are expected to communicate with patients and involve them in the provision of health care in an effective manner to ensure they are treated with respect and dignity. Interns are expected to understand and be capable of managing the duties expected of him/her as a team member, understand the roles and duties of others and to anticipate, recognize, and manage conflict. This domain will cover the following competencies:

- Maintain professional practice and Patient-Doctor relations in different circumstances e.g., consultation, breaking bad news, Complaints.
- Be an effective teamwork player within the clinical team by Communicating professionally with colleagues with respect to chain of command and teamwork and interface with different specialties, and with other professionals.

V. Acute Care

Medical Interns are expected to recognize critically ill patients and initiate immediate management as needed. They will be required to take part in life support, be competent to participate with a resuscitation team under supervision and be able to contribute to discussion and decisions regarding resuscitation of patients. The domain of acute care will cover the following competencies:

1. Acquire core skills in relation to acute illness.
2. Assessment and management of acutely ill patient.
 - Management of fluid safely in acute patients.
 - Reassessment of ill patients after initiation of treatment.

- Request senior or more experienced help when appropriate.
 - Uses common analgesic drugs safely and effectively.
 - Management of a patient following self-harm.
 - Ensures safe continuing care of patients on handover between shifts, on call staff or with “hospital at night” team by meticulous attention to detail and reflection on performance.
 - Recognize advanced life support with confidence to initiate resuscitation till a more senior colleague arrives.
3. Provide comprehensive care from the point of admission and considering the effects of any chronic disease.

Basic Procedural Competencies.

Medical intern will be able to provide safe treatment to patients through competently performing certain procedural and/or assessment skills. Some may only be possible under supervision. Intern is recommended to be competent in the following procedures in each specialty:

1. Basic Procedural Competencies in Medicine Specialty:
 - Interpret common abnormalities of ECG.
 - Interpret common chest x-rays abnormalities.
 - Use ophthalmoscope.
 - Perform arterial and venous blood withdrawal.
 - Set up and administer oxygen to a patient.
 - Perform urinary catheterization.
 - Insert Nasogastric tube.
 - Perform Peak flowmeter.
 - Perform Pulse Oximetry measurement.
 - Perform blood sugar measurement.

2. Basic Procedural Competencies in Surgery Specialty:
 - Perform the techniques of surgical scrubbing.
 - Perform arterial and venous blood withdrawal.
 - Interpret common abdomen x-rays abnormalities.
 - Interpret common cervical spine x-rays abnormalities.
 - Set up and administer oxygen to a patient.
 - Perform urinary catheterization.
 - Insert Nasogastric tube.
 - Perform suturing of minor wounds and removal of sutures.
 - Assist in applying a plaster of pare cast.
 - Examine the ear using an Otoscope.

3. Basic Procedural Competencies in Pediatrics Specialty:
 - Perform ear examination using the Otoscope.
 - Assist in performing lumbar puncture.
 - Perform arterial and venous blood withdrawal.
 - Assist in performing PALS in children of all ages.
 - Perform suturing of minor wounds and removal of sutures.
 - Assist in inserting Foley catheter.

- Assist in inserting Nasogastric catheter.
4. Basic Procedural Competencies in Obstetrics and Gynecology Specialty:
 - Perform Fundal height assessment.
 - Perform Fetal heart sound detection.
 - Apply and interpret CTG tracing.
 - Assist in low-risk normal vaginal delivery.
 - Assist in episiotomy performance and suturing.
 - Perform speculum examination.
 - Assign neonatal APGAR score.

 5. Basic Procedural Competencies in Emergency Medicine Specialty:
 - Perform local anesthetics.
 - Set up and administer oxygen to a patient.
 - Perform nebulizer/inhaler therapy.
 - Assess level of consciousness using Glasgow Coma Score.
 - Perform neck stiffness testing.
 - Identify focal neurological sign identification.
 - Assist in conduction of ACLS, PALS, ATLS.
 - Assist in performing intubation.
 - Assist in performing chest tube insertion.
 - Assist in transporting sick children.
 - Identify indications for urgent CT scan in trauma, headache and impaired consciousness.

 6. Basic Procedural Competencies in Mental Health Specialty:
 - Perform mini-mental state examination.
 - Perform psychiatric Mental State Examination.
 - Perform suicide risk assessment.
 - Perform alcohol withdrawal scale use.
 - Apply of Mental Health Schedule.
 - Identify overdose syndromes.
 - Identify intoxication with drugs of abuse.

Consulted literature and documents

- Saudi MED
- SUCOM Graduates Attributes
- Australian curriculum framework for Junior Doctor
- Tomorrow's Doctor
- The Rough Guide for the Foundation Program of the UK
- Can MEDS
- Global Minimum Essential Requirements in Medical Education.
- Basic Medical Education WFME Global Standards for Quality Improvement