



program title: **Internship**

Program Description:

In this program, students complete all required internship wards within 12 to 18 consecutive months based on the Medical education curriculum. It is worth mentioning One month of Internship equates to 4 credits.

Interns are also on-call and have night shifts, staying within the hospital premises. During the 18-month internship in Iran, interns typically spend around 12 months in wards with on-call responsibilities. In Iran, interns are permitted a maximum of 10 shifts per month, with this allowance varying based on the hospital's circumstances and the number of interns assigned to each ward.

During this period, Medical students assume primary responsibility for patient care. Core rotations include Internal Medicine, Pediatrics, General Surgery, Emergency Medicine, Psychiatry, Infectious Diseases. The remaining 6 months of the internship are allocated based on students' interest and hospital capacities, covering various specialties such as ophthalmology, otolaryngology, dermatology, urology, and other elective wards as follows.

No.	Name of Hospital Ward	Duration
1	Anesthesiology Internship(elective)	15 Days (136 hours)
3	Cardiology Internship	15 Days (136 hours)
4	Cardiology Internship	1 Month (272 hours)
5	Clinic (Family Medicine) Internship	15 Days (136 hours)
6	Dermatology Internship	15 Days (136 hours)
7	Emergency Medicine Internship	1 Month (272 hours)
8	Family Medicine Internship	15 Days (136 hours)
9	Family Medicine Internship	2 Monthst (544 hours)
10	Forensic Medicine Internship(elective)	15 Days (136 hours)
11	Sport Medicine Internship(elective)	15 Days (136 hours)
12	Geriatric Medicine Internship(elective)	15 Days (136 hours)
13	Infectious Diseases Internship	1 Month (272 hours)
14	Internal Medicine Internship	3 Months (816 hours)
15	Neurology Internship(elective)	15 Days (136 hours)
16	Neurosurgery Internship(elective)	15 Days (136 hours)
17	occupational medicine(elective)	15 Days (136 hours)
18	Obstetrics & Gynecology Internship	1 Month (272 hours)
19	Ophthalmology Internship(elective)	15 Days (136 hours)
20	Orthopedics Internship	15 Days (136 hours)
21	Otorhinolaryngology Internship	15 Days (136 hours)
22	Palliative Medicine Internship(elective)	15 Days (136 hours)
23	Pediatrics Internship	3 Months (816 hours)
24	Psychiatry Internship	1 Month (272 hours)

25	Public Health Internship	1 Month (272 hours)
26	Public Health Internship	15 Days (136 hours)
27	Sport Medicine & Rehabilitation Internship(elective)	15 Days (136 hours)
28	General Surgery Internship	2 Month (544 hours)
29	Toxicology Internship(elective)	15 Days (136 hours)
30	Urology Internship(elective)	15 Days (136 hours)

Duration:

12 to18 consecutive months

Program Objectives:

The medical internship program aims to equip doctors with the mental, cognitive, and technical skills necessary to deliver professional treatment services to patients. It offers interns the opportunity to learn and practice vital patient communication skills crucial in the medical field. Interns are expected to deliver appropriate and effective patient care, with a primary focus on conducting comprehensive examinations and making diagnoses based on thorough medical histories and evidence-based practices. In situations requiring additional expertise, interns are encouraged to consult clinical references and collaborate with other physicians to enhance decision-making processes.

Expected Competencies at the End of the Program

Regulations outlining the responsibilities of interns in the general medical doctorate program:

Interns are permitted, under faculty supervision, to apply their acquired knowledge to develop professional skills necessary for obtaining a medical doctorate degree. Each intern's responsibilities within their assigned group or department are overseen by the group manager or department head. During on-call hours, supervision is provided by the on-call physician, university faculty member, or senior ward or hospital assistant. The diagnosis and management of emergency cases remain the responsibility of the attending physician.

General Competencies*

1. Fully comply with hospital and surgical department regulations.
2. Adhere to professional attire standards set for medical students.
3. Uphold professional ethics in interactions with patients and colleagues from other departments, and fully implement the directives of senior professors and doctors.
4. Attend weekly conferences and hospital reports on scheduled days as per the training unit's program.
5. Present at conferences or introduce patients as scheduled by the education unit, under the supervision of professors.
6. Accompany patients during transfers, when necessary, as determined by the resident specialist or the supervising professor.
7. The duties of interns are specified as follows:
8. A- General:
9. Upholding Sharia and medical ethics at all times while in the hospital.

10. Compliance with regulations set forth by the group, department, hospital, college, and university.
11. Adherence to regulations issued by the Ministry of Health, Treatment, and Medical Education.
12. P- Patient care and medical documentation:
13. 4. Conducting comprehensive patient assessments, including history taking, clinical examinations, evaluation, and treatment planning for hospitalized patients during regular and on-call hours, proposing differential diagnoses as appropriate.
14. 5. Conducting ward rounds prior to attending physician rounds.
15. 6. Monitoring test results and reviewing latest paraclinical reports, excluding emergency cases.
16. 7. Documenting disease progression.
17. 8. Writing medical orders under the supervision of treating physicians or assistants.
18. 9. Recording progress notes at the beginning and end of each shift.
19. 10. Summarizing case reviews under supervision.
20. 11. Preparing consultation sheets with attending physician opinions.
21. 12. Completing imaging request forms as required by departmental, hospital, or university regulations.
22. 13. Attending to patients undergoing resuscitation and performing CPR.
23. 14. Attending to critically ill patients and those requiring specialized care or repeat visits.
24. 15. Monitoring vital signs and post-procedure care following invasive diagnostic procedures, under supervision.
25. 16. Accompanying unstable patients requiring critical care during transfers, with attending physician approval.
26. P- Diagnostic and therapeutic measures:
27. 17. Responsible for specific actions, including placement of gastric tubes, urinary catheters (preferably same-sex patients), arterial blood gas sampling, wound and throat culture sampling, suturing, PPD testing and interpretation, basic ECG interpretation, specialized wound care, ear lavage, nasal packing, and ensuring blood product specifications.
28. 18. Performing tasks only with consent and under direct supervision for hospitalized patients, including prescription writing, airway management, vaginal deliveries, induction during childbirth, fetal monitoring, IUD placement, foreign body removal, cautery, splinting, lumbar punctures, bone marrow biopsies, joint punctures, injections, and outpatient procedures.
29. 19. Limited engagement in specific tasks for skill development, as determined by the school's educational vice-chancellor, during internship periods.
30. 20. Performing tasks in necessary and emergency cases as determined by supervisory personnel, including vital sign monitoring, gastric secretion sampling, plaster application, phlebotomy, and handling paraclinical applications.
31. D- Presence in the hospital:
32. 21. Regular participation in patient visits with attending physicians or ward assistants.
33. 22. Participation in clinic activities as per schedule, conducting patient assessments and writing prescriptions under supervision.
34. 23. Involvement in handover rounds and transferring patient responsibilities.
35. 24. Active participation in departmental educational sessions, including morning reports, scientific conferences, management classes, and rounds.
36. Presenting patient cases in morning reports or conferences as directed by attending physicians, including patient introduction, hospitalization reasons, differential diagnoses, paraclinical test justifications, results interpretation, and treatment plans.
37. Delivering scientific presentations if required by departmental education officers or senior assistants.
38. D- Hospital presence:
39. 27. Compliance with attendance schedules determined by department heads.
40. 28. Participation in a maximum of ten-night shifts per month, with specific minimum requirements in internal, surgical, pediatric, and obstetric groups, adjusted based on patient census, intern numbers, facilities, and educational programs.

41. 29. Organizing intern rotation schedules within departments and wards by designated training supervisors, or by senior interns under supervision.
42. 30. Adhering to on-call schedules, with prior notice required for absences except in emergencies, approved by designated authorities.
43. 31. Prohibited from leaving on-call duties without prior permission, except in emergency situations.
44. 32. Permitted to leave hospital premises during regular hours with supervisor consent and using approved leave protocols.
45. 33. Prioritizing educational meetings and conferences, except in emergencies where patient safety takes precedence.
46. Addressing intern violations or negligence through departmental, hospital, or college educational councils, with decisions escalated to higher authorities if necessary.
47. Ensuring compliance with regulations by group managers and department heads in teaching hospitals, overseen by medical school deans.

Specific Competencies and Skills

Clinic Responsibilities:

1. Arrive at the clinic before the supervising professor and take complete patient histories.
2. Record detailed medical histories, examinations, and other relevant documents in the patient's clinic file.
3. Participate fully in the diagnosis, treatment, and physical examination processes of clinic patients.

On-Call Responsibilities:

1. On normal days, duty hours are from 2 hours after sunrise until 8:00 am the following day. On holidays, duty hours are from 8:00 am to 8:00 am the next day.
2. Introduce yourself to the emergency room and resident specialist at the start of your shift and coordinate how to contact them for advice when needed.
3. Be promptly present at the bedside of emergency patients or as needed in other departments, taking detailed histories and conducting examinations.
4. In non-emergency situations, review the patient's condition with a specialist after completing the history and examination, and notify the resident. In critical emergencies, involve the resident specialist simultaneously while performing basic procedures, history taking, and examination.
5. Fully participate in the diagnosis, treatment, and follow-up processes for patients.

Methods of Instruction Definition

Program Course:

This program includes three phases: The internship stage includes 1 phase

- Phase 1
- Phase 2

Important Note:**Remark:****Mission and Objectives**

The medical internship program aims to equip doctors with the mental, cognitive, and technical skills necessary to deliver professional treatment services to patients. It offers interns the opportunity to learn and practice vital patient communication skills crucial in the medical field. Interns are expected to deliver appropriate and effective patient care, with a primary focus on conducting comprehensive examinations and making diagnoses based on thorough medical histories and evidence-based practices. In situations requiring additional expertise, interns are encouraged to consult clinical references and collaborate with other physicians to enhance decision-making processes.

Admission Requirements

To be eligible for this program and receive its certificate, candidates must have taken an MBBS degree in Iran. Proficiency in Farsi language is also a prerequisite for admission.