



UNIVERSITY OF AL-QADISIYAH

COLLEGE OF MEDICINE

YEAR SIX HAND BOOK

2026-2027



YEAR SIX DIRECTORS

Professor Dr. Shoroq Mohamed AL-Temimi : shoroq.abas@qu.edu.iq

Professor Dr. Manal Mohammed Khadin : Manal.kadhim@qu.edu.iq

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Year Six Coordinators

Professor Dr. Aquel hamid
Professor Dr. Ali abdalhussein handooz
Professor Dr. Aalan hadi al-zamili
Professor Dr. Yasamin Hamza

Welcome letter

Dear Sixth year students,

Welcome to the Sixth year of your study in the College of Medicine / Al-Qadisiyah University. We, the faculty members, wish you all the success in this year and in the future, and will do our best to ensure that you will have all the required knowledge and skills needed in your future career as doctors and to be able to demonstrate appropriate professional behaviors and practice in an ethical manner.

This handbook describes the clinical courses of year six.

Year six is the transitional year from being a student to being a doctor. The main theme is clinical experience that is gained through communication with patients, doctors, medical staff and colleagues.

You are expected to implement theoretical, clinical and communication principles that you were learning in the past 5 years, of course under supervision.

We will be happy to receive formal or informal feedback from you about the academic organization of the module at any time. If for whatever reason you are getting into academic difficulties with the course, let us know sooner rather than later.

We hope that you will enjoy year six

Aims and Objectives of Year Six :

Year Six in the College of Medicine; University of Al-Qadisiyah is a pure clinical attachment year and so the aim is to refine your clinical skills as a new doctor under supervision.

Learning Objectives & Outcomes:

By the end of this year, students would be able to act as a part of medical teams under supervision in different clinical disciplines with:

- 1- Appropriate history taking, physical examination and formulating differential diagnosis.
- 2- Signifying necessary investigations under supervision.
- 3- Signifying treatment lines under supervision.
- 4- Performing under supervision and as a part of a team in management of medical emergencies and the basic principles of managing medical emergencies, focusing on airway, breathing, and circulation.
- 5- Performance selected practical procedures under supervision
- 6- Communicating effectively and professionally with patients, relatives of patients and members of medical teams.
- 7- Showing proper attitude towards patients and relatives specially showing empathy, respecting privacy, and offering help and support.
- 8- Research projects :- Offer opportunities for sixth -year students to engage in research projects . This allows students to delve deeper into a specific area of interest and contribute to the advancement of medical knowledge.
- 9-Master clinical skills and appreciate the importance of these clinical skills in terms of overall clinical examination , investigation and management of patients .
- 10 - Reveal professionalism in work assignments, logbooks.

Furthermore

Syllabus monitoring , curriculum compliance and blue print for each medical branches to give idea about the assessment , the important and weight for each subjects for 6th year medical collage

Structure of Year Six Curriculum

During year six you will have four main clinical courses that will go through the whole academic year.

The emergency unit is embedded within the major clinical branches

The table below shows the subjects , their total hours, number of lectures, small group learning sessions , and total credits for each subjects involve through the sixth year study :-

No.	Subjects	Total hours	Weeks	Credits
1-	Medicine	10– weeks Internal Medicine and family Medicine 2- weeks (CPR+ Emergencies of Medicine	12 weeks (Total 360 hours)	12 unit
2-	Surgery	10- weeks all branches of surgery and orthopedics 2-weeks surgical emergencies	12 weeks (Total 360 hours)	12 unit
3-	Gynecology and obstetric	8-weeks Gynecology and obstetric 2-weeks Emergencies of G&O	10 weeks (Total 300 hours)	10 unit
4-	Pediatrics	6-weeks pediatrics and 2 weeks primary health care 2- weeks Emergencies of pediatrics	10 weeks (Total 300 hours)	10 unit
	Total	44 wks	44 weeks	44 unit

Learning Resources

All of the core information in Sixth year is covered by clinical sessions , small group learning sessions, case base discussion , problem base learning /students base learning that is associated with them , evidence base medicine and seminars . The clinical sessions for (history and physical examination)

Small Group Learning (SGL):-

In each session you will be faced with a clinically orientated scenario before being asked to work in small groups in discussion under the supervision of a facilitator whose job is to encourage you to go and learn for yourself rather than to teach you best information. You are required to read the case scenario beforehand (which is uploaded on classroom) and prepare answers to related questions.

Seminars / tutorials?

These activities will be delivered on each group separately in the hospital department ; it is for topics that require active participation from students to allow open discussion and brain storming amongst them under the supervision of a tutor.

Team Based Learning (TBL):-

The TBLs are distributed for medical branches . In each session the objectives and students' tasks will be announced earlier to be discussed later within groups. Practicing history and focused history will be done at the hospital wards according to the schedule assigned within the clinical (Medicine, Pediatrics, Gynecology and obstetrics , Surgery, ENT, Ophthalmology, Dermatology, Psychiatry, and Radiology) by departments in hospital , sometimes you will be faced with a clinically orientated scenario before being asked to work in small groups in discussion under the supervision of a facilitator whose job is to encourage you to go and learn by yourself. Your performance during these sessions will be evaluated by the facilitator according to a check list.

Library:-

You have access to Main Library in College which contains many publications (textbooks & journals) on basic sciences and clinical material of medicine.

If you have any questions about how to use library facilities please do not hesitate to ask members of the library staff.

Students base learning:-

A great element of success in our integrated curriculum depends on your extensive, inner-motivated, and continuous life-long learning. Your proper use of all the previous learning resources will reflect your responsibility in acquiring the requisite knowledge, skills, and professionalism during your progress in this year the successive years.

What do you expect from us?

-Well organized timetable published on the College's website and handbook, a primary design of Six Year, and timetable is shown in **appendix III** .

-Teaching sessions to take place as detailed in the timetable, or to be re- scheduled without delay if unavoidably cancelled.

-The teaching sessions should deliver the core information detailed in the objectives and lecture outlines

-Handbook to be prepared for each subject.

-Help and advice from the year coordinators, group moderators and lecturers if required .

- Describe the curriculum and syllabus (which include the objectives and learning outcome for graduated medical students) for each medical branches as detailed .

- Describe the (blue print) for each medical branches as detailed .

What do we expect from you?

- Prepare for formal teaching sessions by reading the outlines, including the aims and objectives, and by referring to the recommended background reading.
- Attend all formal learning sessions and arrive promptly on time.
- Be responsible for your own learning .
- Behave courteously to your colleagues and the lecturers during the learning sessions.
- Ensure that all mobile phones are switched off during lectures. Allowing these devices to ring during lectures is disruptive for your colleagues and is discourteous to the lecturer .
- Monitor your own progress by attending and participating in the formative assessment forms .
- Seek help if you are worried about your progress.
- Tell us openly and honestly your feedback about the progress of the year.

How much work you are expected to do?

It is very hard to give you exact guidance on how much work you should do during this year as everyone learns at different speeds. This is a part-time course and it is expected therefore that your time Sunday – Thursday (8 a.m -2 p.m) will be devoted to your studies. In addition it is likely that you will need to occupy at least few hours most evenings studying.

When comparing physically to your peers you should compare your level of knowledge, and not the amount of time taken to attain it! Formative assessments throughout the year will help you compare your progress with our expectations and your peers.

Venues of learning:

- At the beginning of each course you will visit the Secretaries of Department to distribute the groups on different wards.
- TBL sessions will be held in different small rooms supplied with audiovisual aids dispersed across the college. Each TBL session must contain instruction about the location specific for that session, or a main lecture room to start with and then distributed to small halls .
- The Clinical teaching sessions will be held at Al-Diwanyia Teaching Hospital for Medicine, Surgery, ENT, Ophthalmology, Dermatology, Psychiatry, Radiology , urology , plastic and Orthopedic) , while (the Pediatric and gynecology will be held at teaching hospital for pediatric and obstetric) to distribute the groups on different wards or on different mini halls.
- Skill laboratory: found beside of the Basic sciences building .
- Library: found in the first floor - near the interior student housing building / near the college of dentistry building.
- You should check the timetable to confirm where your teaching will take place as shown in **appendix III** .

Attendance / Absence

Students are required by university regulations to be present during day time from 8 a.m. till 2 p.m

- Student attendance at all year Sixth teaching is compulsory. This means that you are required to attend all.
- Clinical teaching sessions.
- Practical skills classes.
- Team Based learning sessions.
- Feedback sessions.
- Formative , summative assessment and Continuous progress test .

Students who fail to attend for any reason is instructed to notify the secretary and give the reason why he/she was unable to attend.

Failure of students to attend (unauthorized absence) for 10% of total weeks is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy / dean) and if absence reached 15% the student is subjected to further disciplinary action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

Assessment according to (blue print and bloom levels) and regarding to learning outcome :-

In College of Medicine; there are two parts of Assessments:

1- Formative assessment :-

These assessments occur at specified dates of the time-table and are compulsory. You will be presented with questions either in small group session or in class room on-line. The questions are in a similar format to those you will encounter of summative assessments and are to allow you to monitor your progress. Your marks are not recorded for summative purposes and will not count towards your degree. During the timetabled session, a tutor will discuss the answers with the class. It is in your best interests to complete the formative assessment questions so that you can monitor your progress through the subject intake and identify any areas where additional work is required. In addition to the written formative assessments, there will be the opportunity to attempt formative assessment questions in the clinical teaching sessions, SGT sessions and practical classes .

There are at least 1-2 formative exam for each subject through online by classroom , or small group teaching , to let students experience exam and to assess their learning capacity during the course . However , the formative exam have no mark (Note: all student should participate in the formative exam) .

2- Summative Assessment :-

This assessment is designed to test core knowledge and thus you may be asked questions on any area that has been covered in Clinical Teaching Sessions, TBLs, and practical sessions. Each part of the clinical subject is equally important and you should expect the balance of questions in the examination to reflect the balance of teaching in the subject . These assessments also occur at specified dates of the timetable; you should make use from your experience in formative assessments. Here your marks will be recorded for summative purposes and will count towards your degree and progress to next year.

The classification of summative assessment as the following :-

It is allowed after meeting the requirement of each training course

It is important for ranking after graduation.

1- Assessment at end the training course for each clinical branches .

A-Written exam (5marks), either :

1-Essay question with short answer through case problem in which need solve these problem (professional DX , differential DX , pathogenesis, risk factors , and management) .

Or

2 - Single Best Answer question

B-Clinical assessment (12Marks) :

It differs according to the clinical course and may include a long case presentation , OSCE and / or slide examination . It will be given 20% of the final score.

C-Log book , skills , daily activities and attendance (3marks)

2-Final ministerial Written Examination (40 mark) :

For each main clinical branches and it is achieved through single best answer questions (MCQ) . It is given 40% of the final score.

3-Final Clinical Examination (40 mark) :

For each main clinical branches and it is achieved by long case examination, OSCE and / or slide examination . It is given 40% of the final Score.

Re-sit Examinations

Students who fail in any specific branch of medical course, will be required to re-sit (second sitting) the entire examination after 6 months , for that specific branch in the same format and duration as the original or in an equivalent format as deemed appropriate by the examiners. Students, who fail at the second-sitting examination, will be allowed to re-sit the year with full attendance.

The aim of summative and formative examination :-

To evaluate knowledge , critical thinking , analysis and problem solving abilities . Approximately 60-70% of question test knowledge and 30-40% test critical thinking and problem solving abilities

* The question formats through writing papers :-

1- Theory exam which compose the following instruction :-

A - Single Best Answer question . Candidates mark a computer-read form to indicate their answer to the question. Candidates are awarded (+1) mark for every correct answer and (0) for an incorrect answer. Abstentions receive (0) Marks are not deducted for incorrect answers. Computer scans are made by using individual student examination numbers to identify scripts. While every effort is made to identify any unlabeled / incorrectly labeled / illegible scripts, those not conforming to the instructions to candidates may be discarded. All rough work is written on the question paper, which must be left in the examination hall. Any student who removes the question paper from the examination hall will be disqualified and referred to College Council.

B-Essay question with short answer through case problem in which need solve these problem (professional DX , differential DX , pathogenesis, risk factors , and management) .

2- Clinical exam which compose the following instruction :-

A -Observed structured clinical Examination (OSCE): This will be performed at final year of the end of semester II . It will be composed of stations for evaluating your clinical examination, and communication skills.

B-History taking and the physical examination :- Oral Presentation of History Taking and physical examination at least a part of each system will be assessed as a part of Clinical Attachments .

C-Skills assessment (Clinical differential Diagnosis , Hallmark diagnostic criteria, description , analysis the case presentation) :- Clinically oriented and diagnostic examination consists of approximately 10-15 slides. One –two minutes for each slide. This will be performed at final Year assessment .

D- Log book :- For each branches of medical college. Completion of Logbook is a must in order to attend the final exam.

NOTE / He/she will never sit for the final -year exam unless he/she completed the sit requirements including , attendance, log book documentation and skills mastery.

*Time for final year ministerial theoretical exam would be 3 hours and final year practical exam for each medical branches range between 1-1.30 hours and time for end course practical examination 1-1.5hours.

*The minimum passing grades (Faculty by laws) is 50 marks.

References & textbooks: -

During the Sixth year , you will learn about several subjects related to a common system or core clinical problem, the following list of references will aid your learning process:

- 1- Davidson's principles& Practice of Medicine 21st Edition
- 2- Harrison's Principles of Internal Medicine, 17th Edition
- 3- Bailey and Love's Short Practice of Surgery 25th Edition/ HODDER ARNOLD
- 4- Clinical Surgery by Michael M Henry& Jeremy N. Thompson 2nd Edition / ELSEVIER
- 5- Macloed Clinical Examination
- 6-Gynaecology by ten teachers , 20th edition 2023
- 7-Nelson Essentials of Pediatrics 9th edition
- 8-Nelson Textbook of Pediatrics 22th edition.
- 9-Pediatric Secrets 7th edition™.
- 10-Hutchison's Clinical Methods 25th edition
- 11-Apley's System of Orthopaedics and Fractures, 9th Edition.
- 12-Campbell's Operative Orthopaedics
- 13-Volume Set - 14th Edition.
- 14-Clinical dermatology hunter: fifth edition
- 15-skin disease diagnostic and treatment : fourth edition
- 16- Diagnostic imaging : seventh edition
- 17- Essential ENT : second edition
- 18-Hand book of otolaryngology : 2nd edition 2018
- 19- short notes in ophthalmology : 2020
- 20-jack kaniski clinical ophthalmology : 2022
- 21-Oxford short text book of psychiatry
- 22- ten teachers psychiatry for medical student.

Appendix I :- List the clinical subjects with modulators

	subject	Moderators
	Medicine	Dr. Aqeel Raheem : aqeel.raheem@qu.edu.iq Dr. Radhi Frahood : radhi.shaibani@qu.edu.iq Dr. Alaa Hadi : alaa.essami@qu.edu.iq Dr. Ali talib : ali.talib@qu.edu.iq Dr. Ali fawzi : ali-fawzi@qu.edu.iq Dr. Bahulddin : Bahulddin@gmail.com Dr. Hazem alkhafaji : hazem.alkhafaji@qu.edu.iq Dr. Aqeel Mer : aqeel.mer@gmail.com Dr. Mudhfar Mohmmmed : Mudhfar.Meizel@qu.edu.iq Dr. Mazin Al-zamil : mazin.zamil@qu.edu.iq Dr. Majid Abdulameer : majid.allban@qu.edu.iq Dr. Kefah Kadim : kefah.kadim@qu.edu.iq
	Surgery	Dr. Adel shaker al-temimi : Adel.altamimi@qu.edu.iq Dr. Ali abdalhussein handooz : ali.handooz@qu.edu.iq Dr. Adel Mosa : adel.ahmed@qu.edu.iq Dr. Ahmed miri : ahmiri@qu.edu.iq Dr. Rami Sabah alshemerty : rami.alshemerty@qu.edu.iq Dr. Ahmed Ali : Ahmed.a.obaid@qu.edu.iq Dr. Ahmed Miri : ahmiri@qu.edu.iq Dr. Hussien Taher : hussien.albaaj@yahoo.com Dr. Rami Sabah : rami.alshemerty@qu.edu.iq Dr. Dhaif Fahim : dhaif.fahim@gmail.com Dr. Ali jwad : ali.hamza@qu.edu.iq Dr. Ali Sabhan : ali.sabhan@qu.edu.iq Dr. Ali Hamdan : ali.fahad@qu.edu.iq Dr. Falah Mahdi : falah.alkhafaji@qu.edu.iq Dr. Wissam salh : wissam.hakim@qu.edu.iq
	Gynecology	Dr. Yasamin Hamza : yasamin.hamza@qu.edu.iq Dr. Alaq saeed : alaq.saeed@qu.edu.iq Dr. Tagreed Salah : tagreed.salah@qu.edu.iq Dr. Ashwaq Mohammed : Ashwaq.mohammed@qu.edu.iq Dr. Balsem Kahtan : balsem.kahtan@qu.edu.iq Dr. Rana Hatem : rana.hatem@qu.edu.iq Dr. Zainab Moaaed : Zme.dr80@gmail.com Dr. Shaimaa Abdulameer : shaimaa.abdulameer@qu.edu.iq Dr. Alya Kareem : Alya.kareem@qu.edu.iq Dr. Vian Hussam : Vian.almansialqani@qu.edu.iq Dr. Shaimaa Majeed : shaymaasham.mari2000@gmail.com Dr. Shiren Ali Obaid Al khanfer : shiren_ali2000@yahoo.com
	Pediatric	Dr. Aalan hadi Hassan : aalan.hassan@qu.edu.iq Dr. Abbas mahmmed : abbas.alshepani@qu.edu.iq Dr. Abdulaziz wenas : abdulaziz.abd@qu.edu.iq Dr. Qahtan Al-yasiri : qahtanalysiri@gmail.com Dr. Mohammed mojer : mohammed.resen@qu.edu.iq Dr. Nasma Naje : Nasma.alhagiah@qu.edu.iq Dr. Suzan sabar : Suzan.mutlag@qu.edu.iq Dr. Adel abduljabaar : Adel.hussein@qu.edu.iq Dr. Saad Abass : saadabbaspaediatrics@gmail.com Dr. Afrah mohammed : afrahmjm85@gmail.com Dr. Shaimaa Dakheel : shaimaa.dakheel@qu.edu.iq

	Radiology	Dr. Khalil kareem : khalil.Alumeri@qu.edu.iq Dr. Najat Adel : najat.hashim@qu.edu.iq Dr. Amjad Majed : Amjad.majed@qu.edu.iq Dr.Shaima Abdoulameer : shaimaa.alzubaidi@qu.edu.iq Dr. Maal Anwer : maal.a.kadhim@qu.edu.iq Dr. Dhey thaheer : dhey.vinci@gmail.com
	Dermatology	Dr. Isama Althuwaynee : isama.Althuwaynee@qu.edu.iq Dr. Sanna Abdala hussian : sanna.abdalahussian@qu.edu.iq Dr.Suhad Abdlkadhim: suhad.abdlkadhim@qu.edu.iq Dr. Farah Salah : farah.s.abdulreda@qu.edu.iq Dr.Akeel Hamed : akeel.hamed@qu.edu.iq Dr. Sara Ahmed : sara.ahmed@qu.edu.iq
	Psychology	Dr. Sahar : sahar.albermany@qu.edu.iq
	ENT	Dr. Rahi Kalf : rahi.mahdi@qu.edu.iq Dr. Kassim Rissan : kassim.dekhil@qu.edu.iq Dr.Mohammed Saeed : Mohammed.Saeed@qu.edu.iq Dr.Mazin Rajeh : mazin.alzubaidi@qu.edu.iq Dr. Ali Abdulameer : ali.jwad@qu.edu.iq Dr.Ahmed Mahdi : ahmedalbudary@qu.edu.iq
	Orthopedic	Dr. Sameer Abdulameer : sameer.kitab@qu.edu.iq Dr. Mousa Aumran : Mousa.Mousa@qu.edu.iq Dr. Ihsan : ihsanalsalman@gmail.com Dr. Raad Juad : raad.kadhim@qu.edu.iq Dr. Abaas Abdulameer : abaas.abdulameer@qu.edu.iq Dr. Iskandar Mahdi : iskandar.saleh@qu.edu.iq Dr. Ali Salh : ali.aljanabi@qu.edu.iq
	Ophthalmology	Dr. Furqan Majed : furqan.majed@qu.edu.iq Dr. Hassanain Hassan : Hassanain.Attar@qu.edu.iq Dr. Haider Aswad : Haider.layikh@qu.edu.iq Dr. Zainb Adel : Zainb.hashim@qu.edu.iq
	Directors	Professor Dr. Shoroq Mohamed AL-Temimi : shoroq.abas@qu.edu.iq Professor Dr. Manal Mohammed Khadin : Manal.kadhim@qu.edu.iq

Appendix II: List of Skills in Sixth year:

Skill and year	Department	Name, Signature & stamp
Sixth stage		
1. A-Neonatal and pediatric life support	Pediatric	
B-. Nebulizer use in pediatric	Pediatric	
C--Use a nebulizer for administration of inhalation therapy		
2- A-Bimanual uterine compression and other uterine maneuvers	(Obstetric & Gynecology)	
B-Normal delivery simulation		
3- pulse oximetry Use a nebulizer for administration of inhalation therapy in adult	(Medicine)	
4. Basic life support	Surgery	
5- IV drug administration	Surgery)	
6- Electrocardiography (ECG)	(Medicine)	
A - Electrode placement		
B - Recording and interpreting ECGs		
7- A-Airway Management	ICU- Anesthesia (Surgery)	
B - Bag-valve-mask ventilation		
C - Oropharyngeal and nasopharyngeal airways		
D - Endotracheal intubation E-Nasogastric Tube Insertion		
8- Point-of-Care Ultrasound (POCUS)	ER / A&E	
A - Basic techniques		
B - Applications in emergency and critical care		

9- Arterial Blood Gas (ABG) Sampling	Respiratory Centre	
A- Technique		
B - Interpretation of results		
10. Basic Trauma Management	Surgery / ER	
11. Cardiopulmonary Resuscitation (CPR)	Medicine	
12-Drain and Tube Management	surgery	
A - Chest tubes		
B - Surgical drains		
C - Feeding tubes		
13-Medication Administration	medicine and surgery, Obs & Gyn wards all clinical department	
A - Routes of administration (oral, IV, IM, SC)		
B - Dosage calculations		
C - Medication safety		
14-Administer basic oxygen therapy	medicine and pediatric	
15-Perform bladder catheterization	ER / ICU / CCU / Urology	
16-Perform and interpret basic bedside laboratory tests	All clinical department (wards / clinics)	
17-Adopt suitable measures for safety and infection control	Operative theatre preparation for surgery	

Appendix III :- Time table for daily sessions for stage Six

No.	Subjects	Total hours	Weeks	units
1-	Medicine	10– weeks Internal Medicine family Medicine And 2- weeks (CPR+ Emergencies of Medicine	12 weeks	12
2-	Surgery	10- weeks all branches of surgery and orthopedics 2-weeks surgical emergencies	12 weeks	12
3-	Obstetric	8-weeks Gynecology and obstetric 2-weeks Emergencies of G&O	10 weeks	10
4-	Pediatrics	8-weeks pediatrics and primary health care 2- weeks Emergencies of pediatrics	10 weeks	10
5	Total		44 weeks	44 unit

editor by

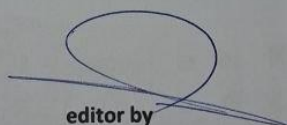
Professor Dr-Shoroq Mohamed abass

Dean of medical collage
Dr. Aqeel Raheem

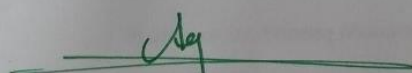
vice Dean
Dr. Nael mohammed sarheed

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vice Dean
Dr. Nael mohammed sarheed