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http://www.medicineuomosul.iq
Republic Of IRAQ
Ministry of Higher Education and Scientific Research
Mosul University
College Of Medicine (MCM)

Self Study Report (SSR)

Prepared by:
Self Evaluation Team

Supervised by:
Professor Dr. Muzahim Q. AlKhyatt / Head of the team
Dean / College Of Medicine / Mosul University

Revised by:
Assist. Professor Dr. Muzahim F. Mahmood AlChetachi

2012 A. D. 1433 A. H.
Based on instructions of his Excellency the Minister of Higher Education & scientific research esq. about the necessity of developing the Universities and the educational institutions, his Excellency suggested to establish a center of Quality Assurance and Accreditation through which the scientific services offered by the Ministry and its institutions become in compliance with the international quality standards taking into consideration the current and the future needs of the Iraqi society aiming at having qualified personnel who are capable of meeting these needs.

Starting from the commitment of the Administration of the Mosul College of Medicine (MCM), Mosul University to embed the practices of quality and applying them to support the mission of the University represented by achieving the strategic goals to reach international entrepreneurship and accreditation. Based on the workshop held in 6/10/2011 by the Department of Quality Assurance and University Performance at the presidency of Mosul University and the "Self-evaluation" was one of the important pivots. In 22/11/2011. Professor Muzahim Q. AlKhyatt, Dean of the MCM approved the practice of self evaluation at the College.

Self-study and evaluation is considered a comprehensive check of all the functions and activities of the college, taking into account the mission and the goals of the college as well as the Quality Assurance Standards and the Academic Accreditation of the Iraqi Universities (AAIU), and in accordance with the Arab Universities Union (AUU) in addition to the standards and criteria of World Federation of Medical Education (WFME)
and World Health Organization (WHO). The results of evaluation should be supported with evidences and justifying the analysis and conclusions with proofs, as well as making use of other persons advices who are capable of offering independent comments.

The responsibility of conducting the self study is held by the college employees and everyone is committed to share in conducting an objective and scientific self evaluation for the college in light of its mission as evaluation is a vital means to review the strengths and weaknesses in the college. Self evaluation was applied in our college in accordance with the standards of the AUU, WFME and WHO that represent the first step of the academic accreditation. The self study report (SSR) is a document that covers the following aspects:

1- An introduction showing how the report of the self study was prepared and it also includes the names of the persons who contributed in that.

2- A historical brief about the college.

3- College management.

4- The extent to which the college met the standard of AUU, WFME, and WHO with presentation of the most important documents.
CHAPTER ONE

History, course and activities of the college:

Mosul College of Medicine / Mosul University, is considered the second rank amongst the Colleges of Medicine in Iraq in terms of its capacity and its foundation. It was established in July 1959. In the first year after foundation the college was managed independently by the Ministry of Health. But, in 1960 this college was annexed to Baghdad University and was merged with the University and remained like that for seven years. Then, in 1967 it became one of the colleges of venerable Mosul University.

College of Medicine includes the following scientific departments:
Medicine, Surgery, Gynecology and Obstetrics, Pediatrics, Radiology, Community Medicine, Pathology, Microbiology, Pharmacology, Biochemistry, Physiology and Anatomy, in addition to five divisions which were added to the main departments, which are: Forensic Medicine, Physics, Medical Biology, Computer unit as well as the division which was innovated; Quality Assurance and University Performance.
The most important achievements and activities:

A number of brilliant doctors (from the various governorates of Iraq and Arab countries with various specializations) graduated from the MCM. The number of graduates since the foundation of the college and until 2011 is 7697. In its course, the college held several symposiums and scientific conferences and several scientific researches were published. Moreover, the college publishes an equable magazine "Annals of the College of Medicine, Mosul, ISSN 0027-1446".

Activities of the college in terms of the society service:

Through its scientific and functional personnel, College of Medicine provides the treatment and diagnostic services to the society and as follows:

1- Consultative Medical Center:

Since its foundation, this center offers splendid services to the society in the different fields of specialties such as Internal Medicine, Neurology, Psychology, Psychiatry, Ophthalmology, ENT, Geriatrics, General Surgery, Laparoscopic surgery, Neurosurgery, Tumors, Gynaecology and Obstetrics, Paediatrics, Diagnostic and Lab Services.

All these services are provided in a new building that is equipped with the advanced air-conditioning systems and elevators to serve the society members.
2- Services offered by the clinical departments of the MCM.

They include the branches of medicine, general surgery, pediatrics, gynecology and obstetrics and radiology.

The Department of Surgery provides a medical and consultative services in all the aspects of the specialization and conducting all the operations in the wards of the teaching hospitals and emergency as well as intensive care units in addition to using the endoscopic operations and diagnosis.

Mosul College of Medicine is considered the pioneer which was the first to introduce the laparascopic surgery in our beloved country since 1980s.

The Department of Medicine offers consultative and treatment services to the society members by all its specializations and units which prevail in all the teachings hospitals such as the coronary care unit, intensive therpeutic and respiratory unit, physiotherapy, cardiac catheterization, renal dialysis ,haematology center , the clinics of diabetes ,nephrology, cardiac and that of pain as well as services of psychological medicine.

The Department of Gynecology and obstetrics provides intensive services to the society represented by supervising the deliveries and taking care of premature babies and treating the infertility cases through "advanced and well-developed units".

The Department of Pediatrics provides comprehensive services to the children and there are "advanced centers" for special child diseases such as that of Thalassemia, leukemia and handicapped centers. It also participates in
educative TV symposiums held by efficient doctors in the department.

The Department of Radiology provides a wide variety of diagnostic services in all the teaching hospitals through the units of x-ray, ultra-sonic waves, CT-scan and magnetic resonance imaging "MRI", in addition to working in the units of urology using ultra-sonic waves and the radiation therapy for patients with cancers at the atomic medical hospital (Hazim AL-hafith Hospital).

3- Services offered by the basic departments at the college of medicine.
They include the Department of Community medicine which aims at promoting the general health and improving the health care for the society members through the primary health care programs and educative symposiums that are provided to the society, family and individual.

The Department of Pathology offers the diagnostic and scientific consultations through the part time work of its members in the teaching hospitals. The Departments of Pharmacology, Biochemistry, Medical physiology provide consultation and research services to different sectors of the society.

Departments of Anatomy and Microbiology provide scientific and research services through the unit of electronic microscope and the laboratories that belong to them.
4- Psychological researches unit:
It is a specialty unit which was founded in 1995 and performed many tasks including the delivery of lectures at schools and mosques as well as holding the symposiums and checking the needy persons, rehabilitation programs for the handicapped, paying a good attention to the psychological support for children, forming a committee to take care of the children with autism by means of opening special classes for the children who suffer from autism at the MCM besides a comprehensive rehabilitative and educative program.

This unit worked hard to participate in the field practices in the villages and sub districts of Mosul City to provide educative programs to the Iraqi women and family as well as all the other classes of the society.

Distinguished accomplishments during 2012:
The most important accomplishments during 2012 is holding the Golden Jubilee Conference of the college in beginning of April 2012 when the college of medicine by the patronage of his Excellency Minister of the Higher Education and Scientific Research Professor Ali AlAdeeb and by the supervision of Mosul University Chancellor Professor Ubai Saeed AlDewachi, the golden jubilee conference entitled: "Mosul College of Medicine; a half of century of devotion and progress", and the tenth medical conference, the second scientific conference for the laparoscopic surgery of the surgical department , and the fourth annual symposium for Rheumatolgy at Ibn Sena Teaching Hospital.
More than (15) specialists were invited and hosted from other countries (The United Kingdom, United States of America, Jordan, The United Arab Emirates, Saudi Arabia and Malaysia) as well as the other professors from the other governorates of Iraq.

One of the activities was visiting the MCM by the visiting specialists and delivering lectures and participation in the clinical teaching and surgeries in the teaching hospitals.

More than (90) papers were submitted in the conference in various medical specializations distributed on (12) sessions and two panel sessions for the scientific discussion in the field of Laproscopic surgery and breast diseases. The number of participants in the conference was more than (350) in addition to (90) researchers from Iraq and other countries.

Information about the aforementioned or the academic accreditation planed to be obtained.

The accreditation committee at the college includes Professor Muzahim Q. AlKhyatt (a member of the national accreditation committee of Iraqi colleges of medicine) and Dr. Dhafer B. AlYouzbaki (the liaison member) and the college apply the standards of accreditation in order to obtain the WFMNE / WHO certification. Another report was submitted concerning the application of accreditation standards at our college in March 8th 2012 to the national accreditation committee of Iraqi colleges of medicine and reply was sent by Dr. Thamer AlHalfi (rapporteur of the national accreditation committee of Iraqi colleges of medicine).
A workshop was held in Amman / Jordan for the members of liaison committee and representatives of the national accreditation committee of Iraqi colleges of medicine, representative of the Ministry of Higher Education and Scientific Research, representative of The Ministry of Health for the period 27-29 of February 2012 by the patronage of the WHO in Iraq and was attended by professor Muzahim Q. AlKhyatt (member of the national accreditation committee of Iraqi colleges of medicine).

The strategic academic plan

The plans of the college include:

The plan concerning the new, current and graduates of the primary studies, plan for the higher studies, plan of the teaching staff, the number of the permanent employees, plan of researches and seminars, the available capacity, plan of guidance and educational activity, the number of workshops and laboratories for this year, the number of periodicals and books available at the library of the college in addition to the new books added.

Concerning the buildings, lecture rooms, research units, number of research scientific magazine, a strategic plan was employed by some of the branches for the next two years and priorities were listed within certain pivots (the need of the branch to the teaching staff, the need for devices, academic curricula, scientific researches, attending the international conferences and courses and the continuous teaching).
The procedural steps followed by the college to conduct the self study
A brief of the most important works on the level of quality assurance

Quality aspect:

1- Writing and executing the bulletin of the vision, mission and the objectives of the deanship and all the branches.

2- Making the posters that include the tasks of all the divisions and managerial units in the college.

3- Making the sign boards of floors plans (the deanship building).

4- Issuing the emblem of quality for the division.

5- Writing the quality reports of the college periodically and sending them to the department of quality and university performance in the university presidency.

6- Documenting the weekly aide-memoir of the dean and the weekly and monthly scientific activities of all the branches and publishing them on the university website.

7- Issuing the electronic bulletin and issuing a brochure that documents all the information about the branch or the division and their accomplishments, as well as issuing a brochure of the scientific activities for the college during the academic year 2011-2012.

8- Issuing an introductory manual for the new students.

9- Publishing the college guide for the year 2011 in the golden jubilee day of the college and then publishing the college guide for the year 2012.

10- Providing all the branches with the self study brochure.

11- Following up the standards itself evaluation through holding periodic meeting and holding an introductory symposium about the quality and self
evaluation and publication of posters to disseminate the quality trends in the college.

12- Documenting all the minutes of meetings that are held in the college and sending copies of them to the university presidency and attending the meetings that are held in the university presidency, dept. of quality assurance and university performance.

The scope of the university performance

1- Achieving the evaluation file annually.

2- Following up the seven points of electronic documentation for all the branches and updating them continuously.

3- Conducting the evaluation relevant to the teaching staff and then announcing them in addition to the evaluations related to the employees.

Archive:

1- Completing the archiving report (it includes the study curricula and how to archive the study curricula) and sending them to the computer center.

2- Archiving the examination questions for all the terms of examination for the first and the second terms and relaying them to the computer center and to the university presidency.

3- Participation in a number of training courses that are relevant to quality and self evaluation:
An introductory symposium was held. The symposium entitled: "quality and self evaluation" was held at the college in 15/12/2011 and the objective of the symposium was informing all about the essence of quality and the steps that should be followed to apply self study.
CHAPTER TWO

General Information About The College

Basic data

State: Iraq

Name of the educational institution: College of Medicine in Mosul.

Address: Mosul University, College of Medicine, AlShifaa Quarter, Ibn Al-Atheer Street.

Phone Number: 009647481705918

E-mail: mdicn@uomosul.edu.iq

Type of the institution: Governmental

Date of College foundation: 1959.

Date of study commencement at the college: 1959.

Period of the study: 6 years.

Institute location: in the capital ( ) outside the capital (✓)

The institution is for males only ( ) females only ( ) mixed (✓)
### Institution management:

<table>
<thead>
<tr>
<th>College management</th>
<th>Name</th>
<th>Scientific title</th>
<th>e-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean</td>
<td>Dr. Muzahim Q. AlKhyatt</td>
<td>Professor</td>
<td><a href="mailto:malkhyatt@yahoo.com">malkhyatt@yahoo.com</a></td>
</tr>
<tr>
<td>Dean deputy</td>
<td>Dr. Muzahim F. AlChetachi</td>
<td>Assistant Professor</td>
<td><a href="mailto:Muzahimalchetachi@yahoo.com">Muzahimalchetachi@yahoo.com</a></td>
</tr>
<tr>
<td>Dean assistant for scientific affairs</td>
<td>Dr. Qassim Saeed AlMukhtar</td>
<td>Assistant Professor</td>
<td><a href="mailto:Drkasim51@yahoo.com">Drkasim51@yahoo.com</a></td>
</tr>
<tr>
<td>Dean assistant for administrative affairs</td>
<td>Dr. Ahmed Mohammed Hiawy</td>
<td>Lecturer</td>
<td><a href="mailto:ahiawy@yahoo.com">ahiawy@yahoo.com</a></td>
</tr>
<tr>
<td>Head of accreditation committee in the college</td>
<td>Dr. Dhafer B. Alyouzbaki</td>
<td>Assistant Professor</td>
<td><a href="mailto:dhaferouzbaki@yahoo.com">dhaferouzbaki@yahoo.com</a></td>
</tr>
<tr>
<td>Head of the division of quality assurance and university performance</td>
<td>Ruqayyah Zaidan Sha'baan</td>
<td>Lecturer</td>
<td><a href="mailto:rukaya_zedan@yahoo.com">rukaya_zedan@yahoo.com</a></td>
</tr>
</tbody>
</table>

Finance resource of the institution: government (✓) other ( )

Number of the colleges in the institution (  )

**Number of departments (12).**

First university degree: *(Bachelor) M.B.Ch.B.*

Number of students at the primary study: *(948) students.*
Scientific Departments:

<table>
<thead>
<tr>
<th>No.</th>
<th>Department name</th>
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<tbody>
<tr>
<td>1.</td>
<td>Medicine</td>
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<tr>
<td>2.</td>
<td>Surgery</td>
</tr>
<tr>
<td>3.</td>
<td>Gynecology and obstetrics</td>
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<tr>
<td>4.</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>5.</td>
<td>Radiology</td>
</tr>
<tr>
<td>6.</td>
<td>Community medicine</td>
</tr>
<tr>
<td>7.</td>
<td>Microbiology</td>
</tr>
<tr>
<td>8.</td>
<td>Pathology</td>
</tr>
<tr>
<td>9.</td>
<td>Pharmacology</td>
</tr>
<tr>
<td>10.</td>
<td>Anatomy</td>
</tr>
<tr>
<td>11.</td>
<td>Physiology</td>
</tr>
<tr>
<td>12.</td>
<td>Biochemistry</td>
</tr>
</tbody>
</table>

The postgraduate programs: the college provides,

- First: The primary university stage: M.B.Ch.B.
- Second: Diploma, M. Sc., Ph.D. and Iraqi Board.
- Number of the postgraduates students for the academic year 2012:
  Ph. D. (30), M. Sc. (59), high diploma (22).
• Percentage of the students registered for the M. Sc. Degree compared to the total number registered for the higher studies: (65.41%)
• Percentage of the students registered for the Ph. D. Degree compared to the total number registered for the higher studies: (33.3%)
• Number of degrees granted within the last five years:

<table>
<thead>
<tr>
<th>Diploma</th>
<th>M. Sc.</th>
<th>Ph. D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>87</td>
<td>27</td>
</tr>
</tbody>
</table>

• Number of graduates in the last five years: (773)
• The total number of the teaching staff: (223)

<table>
<thead>
<tr>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>132</td>
<td>91</td>
</tr>
</tbody>
</table>

• Ratio of the teaching staff to the students: 1:4
• Number of the employees in the managerial system: (261)
• Number of the employees in the managerial system according to their job position: (270 total): 261 permanent employees and 19 temporary employees (contracts).
Number of the teaching staff distributed in accordance with the branches and the scientific title for the academic year 2011 – 2012.

<table>
<thead>
<tr>
<th>No.</th>
<th>Departments</th>
<th>Prof.</th>
<th>Assist. Prof.</th>
<th>Lecturer</th>
<th>Assist. Lecturer</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Medicine</td>
<td>2</td>
<td>11</td>
<td>13</td>
<td>1</td>
<td>27</td>
</tr>
<tr>
<td>2</td>
<td>Surgery</td>
<td>4</td>
<td>15</td>
<td>17</td>
<td>1</td>
<td>37</td>
</tr>
<tr>
<td>3</td>
<td>Gynecology and Obstetrics</td>
<td>-</td>
<td>2</td>
<td>5</td>
<td>-</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Pediatrics</td>
<td>-</td>
<td>4</td>
<td>9</td>
<td>-</td>
<td>13</td>
</tr>
<tr>
<td>5</td>
<td>Radiology</td>
<td>-</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>6</td>
<td>Community medicine</td>
<td>1</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>7</td>
<td>Microbiology</td>
<td>2</td>
<td>5</td>
<td>2</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td>8</td>
<td>Pharmacology</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>9</td>
<td>Pathology</td>
<td>1</td>
<td>8</td>
<td>6</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>10</td>
<td>Physiology</td>
<td>-</td>
<td>7</td>
<td>2</td>
<td>5</td>
<td>14</td>
</tr>
<tr>
<td>11</td>
<td>Anatomy</td>
<td>1</td>
<td>6</td>
<td>12</td>
<td>7</td>
<td>26</td>
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<tr>
<td>12</td>
<td>Biochemistry</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>16</td>
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<tr>
<td></td>
<td>Computer and internet unit</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Forensic medicine</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Deanship</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>14</strong></td>
<td><strong>71</strong></td>
<td><strong>86</strong></td>
<td><strong>52</strong></td>
<td><strong>223</strong></td>
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</table>
### Names of the Members at the College of Medicine Council

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prof. Muzahim Q. AlKhyatt</td>
<td>Dean of the college and chief of the council</td>
</tr>
<tr>
<td>2</td>
<td>Assist. Prof. Muzahim F. AlChetachi</td>
<td>Dean deputy</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Salah AlDeen Thannon</td>
<td>General Manager Ninevah Health Administration</td>
</tr>
<tr>
<td>4</td>
<td>Assist. Prof. Qassim Saeed AlMukhtar</td>
<td>Dean assistant for the scientific affairs – college council rapporteur</td>
</tr>
<tr>
<td>5</td>
<td>Lecturer Ahmed .M.A. Hiawy</td>
<td>Dean assistant for the administrative affairs</td>
</tr>
<tr>
<td>6</td>
<td>Assist. Prof. Rami Mohammed Adel AlHayali</td>
<td>Head of Medicine dept.</td>
</tr>
<tr>
<td>7</td>
<td>Assist. Prof. SaadAllah Mohammed Hussein AlZakko</td>
<td>Head of Surgery dept</td>
</tr>
<tr>
<td>8</td>
<td>Assist. Prof. Raida Mohammed Noori AlWazzan</td>
<td>Head of Gynecology and obstetrics dept.</td>
</tr>
<tr>
<td>9</td>
<td>Assist. Prof. Mazin Mahmood Fawzi AbdulQadir AlSarraf</td>
<td>Head of Pediatrics dept</td>
</tr>
<tr>
<td>10</td>
<td>Assist. Prof. Hazim Khalil Qassim AlAllaf</td>
<td>Head of X-ray dept.</td>
</tr>
<tr>
<td>11</td>
<td>Assist. Prof. Bassam Abdulamubdee AlNeema</td>
<td>Head of Community medicine dept.</td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Department</td>
</tr>
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</tr>
<tr>
<td>12</td>
<td>Prof. AbdusSalam AlMukhtar</td>
<td>Head of Microbiology dept.</td>
</tr>
<tr>
<td>13</td>
<td>Assist. Prof. Muna Abdulbasit Kashmoolah</td>
<td>Head of Pathology dept</td>
</tr>
<tr>
<td>14</td>
<td>Assist. Prof. Fadhil Abbas Mohammed Salih AlHamami</td>
<td>Head of Pharmacology dept</td>
</tr>
<tr>
<td>15</td>
<td>Assist. Prof. Mohammed Tayyeb Taher Jarjees</td>
<td>Head of Anatomy dept.</td>
</tr>
<tr>
<td>16</td>
<td>Assist. Prof. Sajida Saeed Hamoodi AlChalabi</td>
<td>Head of Physiology dept.</td>
</tr>
<tr>
<td>17</td>
<td>Prof. Raad Yahya AlHamdani</td>
<td>Head of Biochemistry dept</td>
</tr>
<tr>
<td>18</td>
<td>Prof. Elham khattab AlJammas</td>
<td>Head of Psychological Researches Unit</td>
</tr>
<tr>
<td>19</td>
<td>Assist. Prof. Ahmed Yahya DallalBashi</td>
<td>Representative of teaching staff</td>
</tr>
</tbody>
</table>
The vision, mission and the objectives of the college

Vision:
Teaching and learning the modern medicine in all the specializations with three main dimensions, which are: Knowledge, Skills and Attitudes. Using the most modern techniques in accordance with evidence-based guides and the most recent and advanced medical references.

Mission:
Graduate reasonably skilled, with optimum knowledge and highly motivated physicians, able to perform their wholly jobs effectively in the community.

Objectives:
A- Teaching relevant knowledge, skills and promoting attitudes needed to make graduates physicians capable of:

- Managing different health needs of their community regarding many disciplines (such as medical, surgical, obstetric and gynecology in addition to pediatrics emergency and cold cases).
- Communicating effectively with patient, their relatives and with the whole medical staff in a way that is governed and illuminated with the most useful socio-behavioral perspectives.
- Catching the most recent medical advances in the world by using the most recent medical technology such as EBM and meta-analysis.
- Completing their postgraduates studies in different branches.
- Managing on need the health facility such as primary health care centers, clinic etc.
- Acting as community leaders providing a good role models in life for their patients.
B- Solving community health problems.

C- Promoting standards of the teaching staff for the college by continuous medical educational programs through symposiums, workshops etc.

D- Development of sound and relevant medical researches in different branches, in addition to publishing new recent medical books and tests that are necessarily for medical education.

E- Promoting community health agencies by participating in different committee in the Mosul Governorate.

**Teams of self-evaluation study**

A- Self-study team

1- The team of the college self-evaluation leadership was formed with the "administrative order" No. (6967) in 1/12/2011.

2- Teams that support quality were formed in each department and division in accordance with the directions of the college council / the "ninth session" held in 23/11/2011 in addition to the Quality Central Committee which was founded in 13/10/2011.

3- A committee was formed to fill the forms of the scales and the qualitative and quantitative parameters to ensure the quality and accreditation in accordance with the AAIU, AUU, WFME and WHO through the "administrative order" No. (1491) in 27/2/2012.

4- Issuing the "administrative order" No. (2059) in 19/3/2012 according to which the eleven pivots will be assigned to the members of the committee formed above.
The following are the names and tasks of the self-evaluation leadership team:

The "administrative order" No. (6967) in 1/12/2011

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>No.</th>
<th>Task</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Prof. MuzahimQ. AlKhyatt</td>
<td>1</td>
<td>Head of the team:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1- Supervising following up the plan of self-evaluation study.</td>
</tr>
<tr>
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<td></td>
<td>2- Following up the works of the team.</td>
</tr>
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<td>3- Managing the meetings.</td>
</tr>
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<td>Dean deputy</td>
<td>Assist. Prof. Muzahim Fattah Al-Chetachi</td>
<td>1</td>
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<tr>
<td>Dean assistant for scientific affairs</td>
<td>Assist. Prof. Qassim Saeed AlMukhtar</td>
<td>1</td>
<td>Reporting works</td>
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<tr>
<td>Head of accreditation committee in the college of Medicine</td>
<td>Assist. Prof. Dhafer B. AlYouzbaki</td>
<td>1</td>
<td>Providing consultancies in:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Writing the summary and the final of the report</td>
</tr>
<tr>
<td>Head of the division of quality assurance and university performance</td>
<td>Lecturer Ruqayyah Zaidan Sha'baan</td>
<td>1</td>
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</tr>
<tr>
<td></td>
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<td>1- Writing and designing the report and the final report.</td>
</tr>
<tr>
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<td>2- Following up the works of the quality support teams.</td>
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<td>3- Following up the meetings.</td>
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<td></td>
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<td>4- Gathering data.</td>
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Members of leadership self-study team of the college departments

"Administrative order" No. 6967 in 1/12/2011

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<th>No.</th>
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<tr>
<td>1.</td>
<td>Prof. Zain AlAbideen AbdulAziz Abdullah</td>
<td>Professor at the Microbiology dept.</td>
<td>Revising the report</td>
</tr>
<tr>
<td>2.</td>
<td>Prof. Asma Ahmed AbdulWahab AlJawadi</td>
<td>Professor at the Community medicine dept.</td>
<td>Participation in writing the self study report in addition to attending the meetings and providing opinions about gathering the data of standards.</td>
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<tr>
<td>3.</td>
<td>Prof. AbdurRahman AbdulAziz Sulaiman</td>
<td>Professor at the dept. of Surgery</td>
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<tr>
<td>4.</td>
<td>Prof. AbdulJabbar Yaseen Mohammed AlHubaiti</td>
<td>Professor at the dept. of Anatomy</td>
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<tr>
<td>5.</td>
<td>Prof. Emad AbdulJabbar Thannoon</td>
<td>Professor at the dept. of Pharmacology</td>
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<tr>
<td>6.</td>
<td>Assist Prof. Ra'ida Mohammed Noori AlWazzan</td>
<td>Head of Gynecology and Obstetrics dept.</td>
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<td>7.</td>
<td>Dr. Salih Abid Mohammed AlJumaili</td>
<td>Assist. Professor at the dept. of Pediatrics</td>
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<tr>
<td>8.</td>
<td>Dr. Hadeel Mohammed Farooq</td>
<td>Lecturer at the dept. of Radiology</td>
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<tr>
<td>9.</td>
<td>Dr. Fadheelah Shahwan AlDouski</td>
<td>Assist. Professor at the dept. of Physiology.</td>
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<td>Lecturer Ahmed Mohammed Hiawy</td>
<td>Head of Higher studies dept.</td>
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<td>12.</td>
<td>Lecturer Mudhaffar Fattah Al-Chetachi</td>
<td>Head of Registration dept.</td>
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<td>13.</td>
<td>Adelah AbdurRaheem Neimah</td>
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<td>14.</td>
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<tr>
<td>15.</td>
<td>Raghad Ghayeb Muhyei</td>
<td>Employee at the quality assurance and university performance dept.</td>
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<tr>
<td>16.</td>
<td>Marwa Mohammed Mahmood</td>
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<td>17.</td>
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<td>Employee at the research and development dept.</td>
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Members of quality support teams and of departments according to the instructions of the college council / the ninth session held in 23/11/2011 in addition to the central committee of quality that was founded in 13/10/2011

<table>
<thead>
<tr>
<th>Department of Medicine</th>
<th>Dr. Arwa Mahmood Fawzi (dept. rapporteure)</th>
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<tr>
<td></td>
<td>Dr. Bashar Shakir Mahmood</td>
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<td>Wasnaa Yahya Qassim</td>
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<td>Khawla AbdulQader</td>
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<tr>
<td>Department of Surgery</td>
<td>Dr. Karam Kamal Younis (dept. rapporteure)</td>
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<td>Dr. Deena AbdulGhani</td>
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<tr>
<td></td>
<td>Mrs Ahkam Fathi</td>
</tr>
<tr>
<td>Department of Gynecology and obstetrics</td>
<td>Dr. Baraa Luqman Mohammed(dept. rapporteure)</td>
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<td>Dr. Saja AbdulBari</td>
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<tr>
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<td>Elham EzzidDeen</td>
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<tr>
<td>Department of Pediatrics</td>
<td>Dr. Rawaa Younis Mahmood (dept. rapporteure)</td>
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<td>Dr. Nawar Yahya Ahmed</td>
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<td>Dr. Aws Hazim Mohammed</td>
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<td>Dr. Zuhur Ahmed Abdullah</td>
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<tr>
<td>Department of Radiology</td>
<td>Dr. Sameer AbdulLatif Mohammed (dept. rapporteure)</td>
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<td></td>
<td>Dr. Hadeel Mohammed Farooq</td>
</tr>
<tr>
<td></td>
<td>Miss. Nada Mahmood Abdullah</td>
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</tbody>
</table>
| Department of Community Medicine | Dr. Waleed Ghanem Ahmed (dept. rapporteur)  
Miss. Muna Muneer Ahmed  
Miss. Nada Thannoony Younis |
|---------------------------------|--------------------------------------------------------------------------------|
| Department of Microbiology      | Dr. Khalid Waleed Turki (dept. rapporteur)  
Dr. Nihad Subhi Salih  
Dr. Waleed Khalid  
Mrs. Muna Faraj Ahmed |
| Department of Pharmacology      | Dr. Shamil Hashim Othman (dept. rapporteur)  
Dr. Omar Muayyed Shindalah  
Dr. Muhanad Adnan Bakr |
| Department of Pathology         | Dr. Mohammed Sami Saeed (dept. rapporteur)  
Dr. Banan Burhan Mohammed  
Mrs. Ibtisam Mohammed Ali |
| Department of Physiology        | Dr. Afraa Mohammed Mahmood (dept. rapporteur)  
Dr. Mohammed Essa AlSab'aawi  
Dr. Amor Dawood ALDabbagh  
Hind Nazar Qassim  
Dr. Taymaa Noori AlGhulami  
Mrs. Samar Sadoon Addama |
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<th>Department of Anatomy</th>
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<td></td>
<td>Dr. Ali Adel Dawood</td>
</tr>
<tr>
<td></td>
<td>Mr. Hasan Younis Ahmed</td>
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<tr>
<td>Department of Biochemistry</td>
<td>Dr. Ahmed Dallal Bashi (dept. rapporteur)</td>
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<tr>
<td></td>
<td>Sahar Basheer Aziz.</td>
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<td>Sura Khair AlDeen.</td>
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<td>Saba Khairi.</td>
</tr>
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Teams of supporting the quality for the divisions and the administrative units

<table>
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<tr>
<th>Division</th>
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<tr>
<td>Finance dept.</td>
<td>Nawal Thannoony Younis</td>
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<tr>
<td>Human resources dept.</td>
<td>Adelah AbdurRaheem Ne’mah</td>
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<tr>
<td>Research and development dept.</td>
<td>Dr. Omar Reyadh Hamdi</td>
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<tr>
<td></td>
<td>Eman Falih</td>
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<td>Registration dept.</td>
<td>Dr. Mudhaffar Fattah AlChetatchi</td>
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<tr>
<td></td>
<td>Miss. Fa’iqah Aziz Mahmood</td>
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<td>Miss. Wujdan Mohammed Natheer</td>
</tr>
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<td></td>
<td>Mrs. Ghaidaa Ali Abid</td>
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<td>Computer unit</td>
<td>Muna Zaidan Hamdi</td>
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<td>Dhafar Fakhri AlLeilah</td>
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<td>Maha AbdulHadi AlAni</td>
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<td>Muntaha Mahmood</td>
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Committee of forms filling and pivots distribution

"Administrative order" No. 1491 in 27/2/2012

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<tr>
<td>1</td>
<td>Prof. Muzahim Q. AlKhyatt</td>
</tr>
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<td>2</td>
<td>Assist. Prof. Muzahim Fattah Al-Chetachi</td>
</tr>
<tr>
<td>3</td>
<td>Prof. Asma Ahmed AbdulWahab AlJawadi</td>
</tr>
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<td>Prof. Zain AlAbideen AbdulAzizi Abdullah</td>
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<td>Lecturer Omar Reyadh Hamdi</td>
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<td>Assist. Prof. Hazim Khaleel AlAllaf</td>
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<td>Miss.Nawal Thannoon Younis</td>
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<td>17</td>
<td>Mr. Yousif Omar Husam</td>
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<td>18</td>
<td>Mr. Firas Mahmood</td>
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Committee of filling the forms and distributing the pivots
The scales and the quality parameters of quality assurance and
accreditation according to the AAIU and AUU
"The administrative order" No. 2052 in 19/3/2012

A Table showing the percentages of self-evaluation standards for the
college of medicine in accordance with AAIU and AUU

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</table>
Results analysis

Our college relied on the guide of the quality measures and the quantitative parameters of QAAIU in accordance with the parameters and standards of The AUU, in applying the quality that was built based on using those standards in writing the final self report and they are eleven standards. In addition, the standards of WFME\WHO was used as an essential guides in preparation of our college for accreditation.

The following is the analysis of evaluation results:
I- The vision, mission and the objectives of the college

A- Vision:
Teaching and learning the modern medicine in all the specializations with three main dimensions, which are: Knowledge, Skills and Attitudes. Using the most modern techniques in accordance with evidence-based guides and the most recent and advanced medical references.

B- Mission:
Graduate reasonably skilled, with optimum knowledge and highly motivated physicians, able to perform their wholly jobs effectively in the community.

C- Objectives:

1- Teaching relevant knowledge, skills and promoting attitudes needed to make graduates physicians capable of:

- Managing different health needs of their community regarding many disciplines (such as medical, surgical, obstetrics and gynecology in addition to pediatrics emergency and cold cases).
- Communicating effectively with patient, their relatives and with the whole medical staff in a way that is governed and illuminated with the most useful socio-behavioral perspectives.
- Catching the most recent medical advances in the world by using the most recent medical technology such as EBM and meta-analysis.
- Completing their postgraduates studies in different branches.
- Managing on need the health facility such as primary health care centers, clinic etc.
- Acting as community leaders providing a good role models in life for their patients.
2- Solving community health problems.

3- Promoting standards of the teaching staff for the college by continuous medical educational programs through symposiums, workshops etc.

4- Development of sound and relevant medical researches in different branches, in addition to publishing new recent medical books and tests that are necessarily for medical education.

5- Promoting community health agencies by participating in different committee in the Mosul Governorate.
**Strengths and Challenges:**

**Areas of noncompliance with accreditation standards:** None.

**Areas of compliance with accreditation standards:** 94%.

The text of the mission and the objectives are clear, comprehensive, published and known for the college council members, the teaching staff, admin staff, students and their parents and they are published as posters put on the façade of the deanship that can be seen by everyone and they are considered a priority compared to any folders and publications of the conferences and meetings that are held by the college in addition to that they are announced on the website of the university and they are approved by the college and university council.

**Areas in transition that may impact future compliance with standards:** 6%.

**Reasons:**
- The civil society doesn’t participate in formulating the vision and the mission of the college and its objectives.
- They were not clarified to some parties in the civil society.
- Arrangement of priorities in an acceptable way.
- The plan of the college current and future strategy is not approved by the council and fairly available.
**Plan for action:**

- Listing the opinion and participants in forming the vision, mission and objectives by the civil society organizations (a representative from the city council, a representative from Mosul district council and a representative from the teachers association).
- Taking into consideration the arrangement of priorities in light of the competitive requirements).
- Demonstrating the college strategy in the college council and providing an internal audit system for the plan results in order to improve them taking into account the time stages to execute them.
II- Leadership and Managerial Organization (Program management):

The college enjoy a good managerial system and an effective and clear leadership. The college has a delicate managerial and organizational structure which was updated this year and approved by the college council. All the minutes of meetings, the instruction of selecting the leaderships are central, the instruction of work and the authorities are publicly available as tasks for all the divisions and administrative units.

Strengths and Challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 98%.

- Central committee for curriculum, examination, scientific purposes, higher studies and accreditation.
- Peripheral through committee in every departments also for curriculum, examination and scientific purposes.
- Quality Assurance Branch.
- Central committee for quality assurance and quality assurance leadership committee.
- Central committee for self-study reporting.
Areas in transition that may impact future compliance with standards: **2%**

**Reasons:**
- Using the human, material and technical resources is not optimum.
- The lack of mutual agreements on the regional and international levels.
- The unavailability of financial allowances and the sufficient qualified human power to be able to practice the various activities.
- Unavailability of health insurance system for the college employees.

**Plan of Action:**
- Using the human, material and technical resources broadly.
- The college seeks to activate the mutual agreements and assuring their quality with the educational institutions not on the Arab countries level but on the regional and the international levels.
- Providing the sufficient funds and the college seeks to provide the sufficient human personnel to manage quality.
- Providing the health insurance system for the college employees.
III- Resources:

1- The scale of material resources.

2- The scale of financial resources.

3- The scale of technical resources.

4- The scale of human resources.

5- The scale of the quality of information system.

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 82%.
In the college there are a number of buildings represented by the deanship, anatomy and the old deanship buildings. All these buildings include a number of laboratories and offices for all the administrative branches and departments and all the lecturers in addition to the supplies and athletic spaces and the college club for the students and teaching staff.

College building which was specifically built as medical college with one a lot of (6) buildings comprising many halls (300 person capacity) with audio-visual aids, smaller class rooms (26) and 18 laboratories, main college Library as well as small Library in each department, landscapes, basketball and tennis yards.

The infrastructure of the medical appliances and devices can be considered complete in the college in the meantime and it is in continuous development and that is done through purchasing advanced devices in accordance with the purchasing requests submitted by the scientific branches to the committee of purchasing the medical appliances and devices and the funding is central.

The college fund is Central through Governmental funds by Ministry of Finance.

Teaching hospital (1000 beds, with small groups rooms and library), Teaching primary health care center (Al-Hadbaa teaching primary health care center) and Skill laboratory containing simulators for certain clinical examination skills as well as interventional life saving procedures (surgery, gynecology & obstetrics, medicine, ENT, ophthalmology and anatomy).

Internet department and café. A project is ongoing to provide free access to the web for all departments.
Areas in transition that may impact future compliance with standards: 18%

Reasons:

- The area of the buildings are not sufficient to meet the requirements of the college and the number of the lifts is not sufficient.
- The integration between the material resources and the plan of the college is approximately available.
- The funds are central and insufficient to meet the budget of all the resources.
- The regulating stakes are available in the vehicles parks.
- The safety and security procedures are not available and there are weaknesses, no alarm system and no auto-extinguishing system are available and there is no safety masks + masks and no pharmacy.
- There is no fax line and the college website is in one language only.
- There is no closed TV cycle nor films library overhead transparent boards.

Plan of the action:

- There is a plan to construct the new location of the college in the main location of the University of Mosul and a private teaching hospital.
- Providing sufficient lifts.
- Ensuring the integration between the material resources planning and the college plan, providing the funds and providing the regulatory stakes in the car parking areas.
- Providing the safety procedures, providing fax line and making the website of the college in English.
IV- The Teaching Staff

**Strengths and challenges:**

**Areas of noncompliance with accreditation standards:** None.

**Areas of compliance with accreditation standards:** 90%.

According to the vision and the mission each department council determines its need of graduates annually and the distribution is done by the college deanship in accordance with the need of the departments to the teaching staff members after clearly defining the standards of choosing the standards of the teaching staff members.

The general characteristics required for employment in the college of medicine are dealt with by the university presidency because employment is central after checking out the college need of the human resources in the administrative order.

- A continuous update is conducted by the division of data and statistics concerning the number of teaching staff members.
- Evaluation tools of the teaching staff members and patterns of reports (central).
- Only those with M. Sc., Ph. D., FRCS, MRCP, and Iraqi and Arab Boards fellows were recruited as members of the teaching staff in the college. All these done by central selective committee according to standardized competitive ratings.
Areas in transition that may impact future compliance with standards: 10%

Reasons:
- The plan of the college is that the teaching staff is not sufficient.
- Employment committees are centralized.
- The college doesn’t grant other academic titles (central).
- No contracting with retired lecturers exists.
- No contracting with foreigner lecturers exists.

Plan of Action:
- Making a plan to meet the need for lecturers.
- Contracting with retired lecturers if necessary.
- Contracting with foreigner lecturers and examiners if necessary.
V- Students Affairs

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 79%.

The college accepts the students whose qualifications correspond with the college objectives, mission and programs and go along with its academic levels and its reputation in the society. The college provide these students with the suitable environment necessary for their medical education and providing them with the information and the skillful values to play their future roles in society and the college accepts about (150) students annually.

- The regulations and the instruction of acceptance, registration, moving, shifting and penalties (central).
- The acceptance policy has no criteria and tests to select the students as the high average is depended as a criterion to enrollment.
- Evaluation tools of the teaching staff members and patterns of reports (central).

- Student support and counseling
  - Student residency for those coming for places other than Mosul.
  - Informal counseling is going on as bonding and human relationships are fostered by current circumstances.
  - Student Cafeteria.
  - Sporting facilities.
  - Social guidance clinic.

Student union is active in terms of favorable activities like sports, scientific journal.
Areas in transition that may impact future compliance with standards: 21%

**Reasons:**
- No criteria are depended concerning the enrollment of the students in the college because the enrollment policy is central.
- No tests are available for student enrollment.
- The database of students is not complete.
- There are no pilot study for the graduates concerning their employment.

**Plan of Action:**
- Accepting the students in the primary studies and higher studies in accordance with the decided plan of acceptance.
- Interviewing the enrolled students to make sure of their scientific and mental tendencies.
VI- Student Services

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 70%.

The introductory and guide booklets of the student services are available and they include the student guide and an introductory manual for (12) branches in addition to the college guide that includes all the information concerning (the college, the mission, the various study programs, textbooks, scientific degrees, certificates, names of the teaching staff members, requirements of enrollment and registration, study fees, the rules of granting the scientific degrees, the academic systems and all the policies that are important to the students).

In the college there is an Educational Supervision Unit and there are also forms to evaluate the students in exams and there is also a unit of the sport education and arts.
Areas in transition that may impact future compliance with standards: 30%

**Reasons:**

- There is no unit that take care of the students' talents and there are no special-needs persons enrolled at the college.
- No exploration is made concerning the students' opinions about the services provided to them.
- There is no loan treasury or assistance funds to the needy students.
- There is no booklet for the graduates, and there is no funds for the social interdependence.

**Plan of action:**

- Starting a unit that develop the artistic and athletic talents of the students.
- Conducting an exploration to the students' opinions periodically about all the student services.
- Providing a fund for loans and assistances to the needy students.
- Publication of graduate booklet.
- Providing a social interdependence fund.
VII- Academic Programs and Methods of Teaching

A- Curriculum Models and Instructional Methods:

- Basically curriculum follows classical models, i.e., subject-based with basic sciences being taught for almost the first three years with introduction of pre-clinical and clinical subjects at 3rd and 4th year with pure clinical teaching and training for 5th and 6th year. Some horizontally integrated programs are implemented as for example (GIT cardiology, Nephrology, Neurology, which is integrated medicine and surgery courses).
- Extensive practical courses of medical communication skills being introduced at 4th Year in addition to medical sociology.
- Family training courses in the Al-Hadbaa primary health care center for the 6th Year undergraduates. This center is formally related in its management to both College of Medicine and MOH.
- Learning centered and students centered approaches in teaching.
- Attitude promotion and change.
- Skills gaining approaches in medical communication and clinical settings.
- Extensive teaching in Behavioral Sciences, and Medical ethics.
- General training in EBM (knowledge and skills).
B- Scientific Methods:
- Formal lectures with many teaching aids (over heads and data show).
- Clinical bed side teaching.
- Small group sessions.
- Role play in medical communication skills training through small group teaching approach.
- Seminars.
- Primary health care visits and other health facilities (Blood bank, TB institution…..etc.).
- Research projects.
- Clinical lab .session.
- Practical lab and basic science training.
- Lab skills.
- Journal club.
- CME.

C- Basic biomedical Sciences:
Taught during 3years time: Human Anatomy, Chemistry& Biochemistry, Physiology, Biology, Embryology, Histology, Microbiology, Pathology and Pharmacology. All including theoretical as well as practical hours, in addition to medical foundation.
D- Behavioral and social sciences and medical ethics:
- Eight hours for medical sociology and behavioral sciences in the fourth year.
- Twelve hours for medical ethics in the fourth year.
- Two lectures and 24 hours practical teaching and learning of medical communication skills in the 4th Year.
- Behavioral and psychological sciences.

E- Clinical sciences and skills:
- Clinical medicine.
- Pediatrics.
- Gynecology & Obstetrics.
- General surgery.
- Clinical subspecialties.
- Radiology.
- Psychiatry and behavioral sciences.
- Community medicine and family medicine.
- Forensic medicine.
- Lab skills.
- EBM.
F- Curriculum structure, composition and duration:

Two terms, each for 15 weeks annually for first five years. The sixth year is purely clinical teaching and training for a calendar year. A written curriculum is available with theoretical and practical hours in addition to clinical training hours for each of the six years of the program.

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 87%.
The determination of the academic programs of the primary studies is central with a rate of change which involves addition or omission which equals (10%).

The general objectives are set for each program which is related to the vision, mission and objectives.

The academic program focus will be in accordance with the department. In clinical branches the focus will be on delivering the theoretical lectures and clinical training. In other branches the focus will be on describing the theoretical and the practical aspects.

Each department put forward a detailed plan and file of the textbooks were put also. For the committees of the curricula for each department, there is a special committee that deals with the curricula and developing them.

- The college preserves the capabilities, devices, new technologies and books and other stuff related to the scientific growth for the students and the teaching staff and participates in developing the methods of teaching. The departments follow, in the primary studies the practical style consisting of small groups discussion with one lecturer and about ten students. Through the practical study several methods are used including the presentation, discussions, problem solving and brain storming, conducting experiments, reports … etc. in the theoretical aspect lectures are delivered where the objectives of the lecture are presented before starting to mention the details of the lecture using the modern techniques.
-Some departments include a laboratory for the undergraduate students and a laboratory for the higher studies students. These labs are equipped with air-conditioning systems and lab devices for the researches. Through the continuous medical teaching unit, support is provided to the doctors, teaching staff members and students as well as other medical professionals scientifically and performance and medical information are promoted through the various activities the unit organizes in coordination with the different departments especially the clinical such as the theoretical lectures, symposiums, seminars, conferences and various workshops to convoy the most recent international accomplishments and skills. That involves activating the various scientific activities for different branches and participating in organizing and attending the scientific activities held at the teaching hospitals.

The meeting of the journal club, continuous medical education (CME) and the clinical meeting of the departments is resumed, planning to hold symposiums (three symposiums in academic year ) to cover all the specializations and participating in the conferences that are held at the college and outside it.

- There are a library at the college, which contains the most recent books, furnished, air-conditioned and suitable for the students. Some departments requested a number of books that tackle the subjects studies at those departments, and some members of the teaching staff authorship and wrote texts and books that are relevant to the departments.
Areas in transition that may impact future compliance with standards: 13%

**Reasons:**

- The college has no other study program and doesn’t allow the student to choose some study contexts.
- A documentary portfolio is not available about the study textbooks.
- No other programs of textbooks are determined for the brilliant students.
- No evaluation is available for the teaching outputs which is consistent with the local and the international standards.
- There is no evaluation tools to the education outputs that go along with objectives of the college.
- There are no graduation projects at the end of the final grade of study.
- There is no referendum about the consistency of the academic curricula content with the M. Sc. and Ph. D. outputs.
- There is no scale for the satisfaction of the higher studies students.
- There are no evaluative researches about the methods used in teaching.
- There is no link between the library and other universities libraries.
- There is no evaluation to the library from the beneficiaries.
Plan of action:

- Providing a documentary portfolio about the study curricula in details.
- Identifying the programs and additional textbooks for the brilliant students.
- Conducting an evaluation for the educational outputs that should be consistent with the local and international standards.
- Adopting new patterns of education (open learning and remote learning).
- Conducting a referendum about the correspondence of the curricula contents with the learning output for the M. Sc. and Ph. D. degree.
- Conducting a measurement for the higher study students through nominating a representative of the higher study students.
- Conducting a questionnaire for the students' opinions and evaluating the performance of the lecturers by the students.
- Connecting the college library with the libraries of other universities and the other research centers in Iraq.
VIII- Scientific Research

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 94%.

- Undergraduate research projects as follows: fourth year research projects for the department of community medicine
- Post graduate projects (Diplomas, M. Sc., Ph. D. and Arab; Iraqi boards)
- Research and Development Unit

There is a unit at the college called the research and development. The tasks of this unit are:

1. The activities of the college to the Ministry in statistical form and supplied periodically each three months.
2. The researches are statistical and periodic for the registered and the complete researches (published, unpublished and accepted for publication) each three months.
3. The form of registering the researches that are submitted to the college council.
4. Various generalizations for the symposiums, courses and conferences from University of Mosul and other Universities.
5. The products of the teaching staff are statistical and periodic for each three months.
6. The works in common with other departments are statistical and periodic for each three months.
7. Monthly statistics about the symposiums and conferences held in the college within the continuous education courses to Mosul University / The research and development.
The college issues the magazine Annals of Mosul Medicine, which is a specialized medical magazine and it was first issued in 1966. The magazine receives the medical researches from all the governorates and other countries. The task of this magazine is editing volumes of the magazine, printing them and issuing them and that involves the procedures of research arbitration, reviewing, and distributing the magazine with all the details.

**Areas in transition that may impact future compliance with standards:** 6%

**Reasons:**
- Measuring and evaluating the returns of the fund allowances expended on the scientific researches.
- There are research contracts with the civil society institutions.

**Plan of action:**
- Measuring and evaluating the returns of the fund allowances spent on the scientific researches.
- Concluding research contracts with the civil society institutions.
IX- Community Services

Strengths and challenges:
Areas of noncompliance with accreditation standards: None.
Areas of compliance with accreditation standards: 82%.

The college aims at applying a community plan by means of providing services in:


Some departments have an important role in providing services to the society. For example, the services provided will be conducting the tissue tests for the patients staying in the governorate hospitals, conducting the cellular tests, making the blood tests and diagnosing the various blood diseases as well as offering medical and therapeutic consultations in addition to conducting the tissue checks of the forensic medicine and discovering the causes of death.

Second: Through providing services in the consultative medical center (the medical center):

The medical center which is affiliated to the college of medicine provides diagnostic and therapeutic medical services in the various medical speciality (Internal medicine, General surgery, ENT, Ophthalmology, Laparoscopic surgery, Neuro- surgery, Pediatric surgery, Neurology, Psychology, Psychiatry, Pediatrics, Oncology, Gynaecology and Obstetrics, diagnosis with the ultrasonic waves and X-ray in addition to conducting the different lab tests).
Third: Psychological Researches Unit:
This unit has several functions such as consultations to the medical committees, lectures in schools in addition to the psychological consultations, symposiums, conferences, checking the needy people at the clinic, psychiatric and therapeutic sessions, training courses in testing the intelligence and rehabilitation of the children suffering from autism, checking and treating the patients at the ward of psychology and psychological consultation unit, participation in the field practices conducted by the University of Mosul, the community rehabilitation programs for the handicapped and lectures of the health education in the mosques.

Fourth: There is also Al-Hadbaa Training Center for Family Medicine:
This center involves three units of family medicine and a unit of mother and child care (MCH), a training unit, dentistry unit in addition to the supporting units including a pharmacy, laboratory, emergency, statistics unit as well as the adminstration and service units. The center receives an average of (300) visitors daily and they are provided with the treatment and protective services.

Fifth: The college participate in holding exhibits, scientific, educative, developmental and training symposiums and issues educative magazines showing the computer advancements. These symposiums include: a symposium about the woman, a training symposium about the behavior of children suffering from autism, a scientific symposium of the gynecology & obstetrics department, a scientific symposium of the Department of Medicine, an introductory symposium concerning the quality and self evaluation and a symposium about the virtual library.
Areas in transition that may impact future compliance with standards: 18%

Reasons:
- There is no complete plan to serve the society.
- The college doesn’t contribute with the civil society institutions in executing the development projects.
- There is no exploration study for the graduates in the labor market. There is no program to host the graduates in the college.
- No study was conducted to measure the level of the job satisfaction of the social parties about the performance of the college.
- There is no program to take care of the rural woman and illiteracy. No budget for serving the society.
- The duties of the specialist doctors in the hospitals to serve the society.

Plan of the action:
- Making a complete plan to serve the society.
- Conducting the exploratory study for the graduates in the labor market.
- Putting a program to host the college graduates after they graduate periodically to listen to their problems.
- Conducting a study to measure the level of the job satisfaction for the social parties about the performance of the college.
- Allocating a budget for serving the society.
- Documenting the duties of the specialists in the hospitals to serve the society.
X- Evaluation:

1- Institutional evaluation.

2- Students' Evaluation.

3- Evaluating the examinations management.

4- Evaluating the effectiveness of teaching.

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 78%.
The self evaluation of the college started in this year. The college conducted a study of each department and a report was issued for each them. Also, reports were prepared by some divisions and administrative units such as the human resources, accounting, research and development and the organizational evaluation of the performance quality of the colleges and institutes is considered an evaluative study that is submitted to the department of quality assurance and the university performance in the end of each academic year.

This report is the first step for the final report for the evaluation of the college. The college provides the determined, announced and fair systems to evaluate the students by means of conducting a daily evaluation of the students performance through special forms that include a set of criteria with percentages of the total of the practical activities of the student and his attendance at the lab and his participation, following the college uniform, and through quarterly, half-year and final quizzes for the theoretical and practical materials for the first and the second grades. In the beginning of each year announcement will be made concerning the dates of examinations and the division of the mark.

The system of examinations followed in the college is the annual system. There are instructions to the students and the teachings staff which are issued by the examination committee from which students learn about all the regulations that should be adhered concerning the organization of examinations which are provided through questionnaire forms that are filled by the head of the examination halls to make sure of the efficiency of the system adopted in the examination and observing the results.
Moreover, there are procedures related to providing the students with the feedback through the continuous instructions by the teaching staff members and announcing the marks of examinations.

- There is a statistical data about the students' outputs in the various types of programs, the percentages of success in the different study materials, the study levels in addition to the percentages of failure and postponement, failure as a result of absenteeism and study materials.

- The methods of systematic clinical examination were introduced OSCE, GOSPE, OSOE, OSPE since 2006 and they now include most of the study grade and the clinical skills lab is made use of in training and in examinations.

Many symposiums were held about the woman, a training symposium about the behavior of children suffering from autism, a scientific symposium of the gynecology & obstetrics department, a scientific symposium of the Department of Medicine, an introductory symposium concerning the quality and self evaluation and a symposium about the virtual library.

Students assessment methods: It is continuous, at end of each semester and summative evaluation, including the following:

- Summative: starting by quizzes for theory and practical hours, mid-terms and final written examinations (knowledge assessment by MCQs and problem solving). In addition to modified short essays.

- OSCE, OSPE and sometimes GOSPE. In addition to Objective Structured Oral examination(OSOE).

- Formative: during clinical sessions, seminars……etc.

Log book evaluation at each small group discussion session.
Areas in transition that may impact future compliance with standards: 12%

Reasons:
- There is no center for the consultation services in the field of measurement and evaluation.
- Comparing the performance quality of MCM with the performance of the competitive colleges in light of the international requirements.

Plan of the action:
- Starting a new unit for the consultation services in the field of measurement and evaluation.
- The performance quality of the college should be compared with the competitive colleges in light of the international specifications.
- Conducting a questionnaire to evaluate the performance of the teaching staff members from the relevant employees' points of view.
- The results of the teaching staff and the employees performance evaluation are not employed in formulating the plan of the college.
- Conducting a questionnaire to evaluate the job satisfaction of the teaching staff members.
- Preparations were set for bringing new electronic sets for automatic correction of MCQs results and revealing many important indices such as difficulty and discrimination.
XI- Academic Ethics:

1- Scale of Academic ethics.

2- Scale of beneficiary satisfaction.

Strengths and challenges:

Areas of noncompliance with accreditation standards: None.

Areas of compliance with accreditation standards: 93%.

The college and all its units and departments adopts an ethical framework with an evident Islamic base. The college of medicine, including all its departments, is characterized with integrity in terms what it submits of correct information concerning the vision, mission and objectives of the college and each department. It also provides all what is required of reliable information concerning the academic degrees, the enrollment requirements, graduation of the students, the members of departments councils and the teaching staff and a clear view of the financial status and the study fees relying on the budget that is allocated to it by the university chancellorship.
There are programs, degrees and criteria in granting the academic stages (the scientific title) for lecturers. There are also central criteria for students' enrollment in the primary and higher studies which are determined by the Ministry. Moreover, there are special criteria to obtain the (M. Sc., Ph. D. and Board) degrees and then testing the efficiency of the lecturer in order to be qualified as a teaching staff member and then evaluating the lecturer at the end of each year in accordance with forms that include central special criteria in order to measure the efficiency of the lecturer each year.

- There are a general ethical convention in at the college and an ethical convention that depends on (Hippocrates oath) for the graduates.

- There are regulations concerning the reward and punishment and there are an atmosphere of transparency in the administrative procedures.

- The university is an ethical institution because it deals with the social and scientific construction of the students and it is not possible that the university will succeed in graduating the students and conducting the researches if the behavior of its students and lecturers is not consistent with ethics.

  There is a general ethical convention in the college with a clear Islamic background because adhering to ethics contributes to the society improvement and the prevalence of social satisfaction.

  There are regulations in using the technologies such as preserving the devices, emphasizing on the caution when using computer programs that cause failure to the systems or using the internet for illegal and unlawful purposes by the person who doesn’t have much knowledge about that.
Areas in transition that may impact future compliance with standards: 7%

**Reasons:**

- There is no evaluation to the satisfaction for the labor market organizations and the civil society on the level of the college graduates.
- There is no exploration concerning the students’ satisfaction for the acceptance policy.
- There is no evaluation of job satisfaction for the teaching staff.
- The college doesn’t have a certificate of excellence and quality from Arab and International organization.

**Plan of the action:**

- Conducting a satisfaction evaluation for the labor market organizations and the civil society on the level of the college graduates.
- Conducting an exploration concerning the students' satisfaction for the acceptance policy.
- Conducting an evaluation of job satisfaction for the teaching staff.
- Keeping the work with the accreditation and quality to obtain certificates from Arab and International organization.

**Note:** DVD is included with this SSR containing all the related documents.