



DR. IHSANULLAH KHAN MEDICAL INSTITUTE UMERZAI

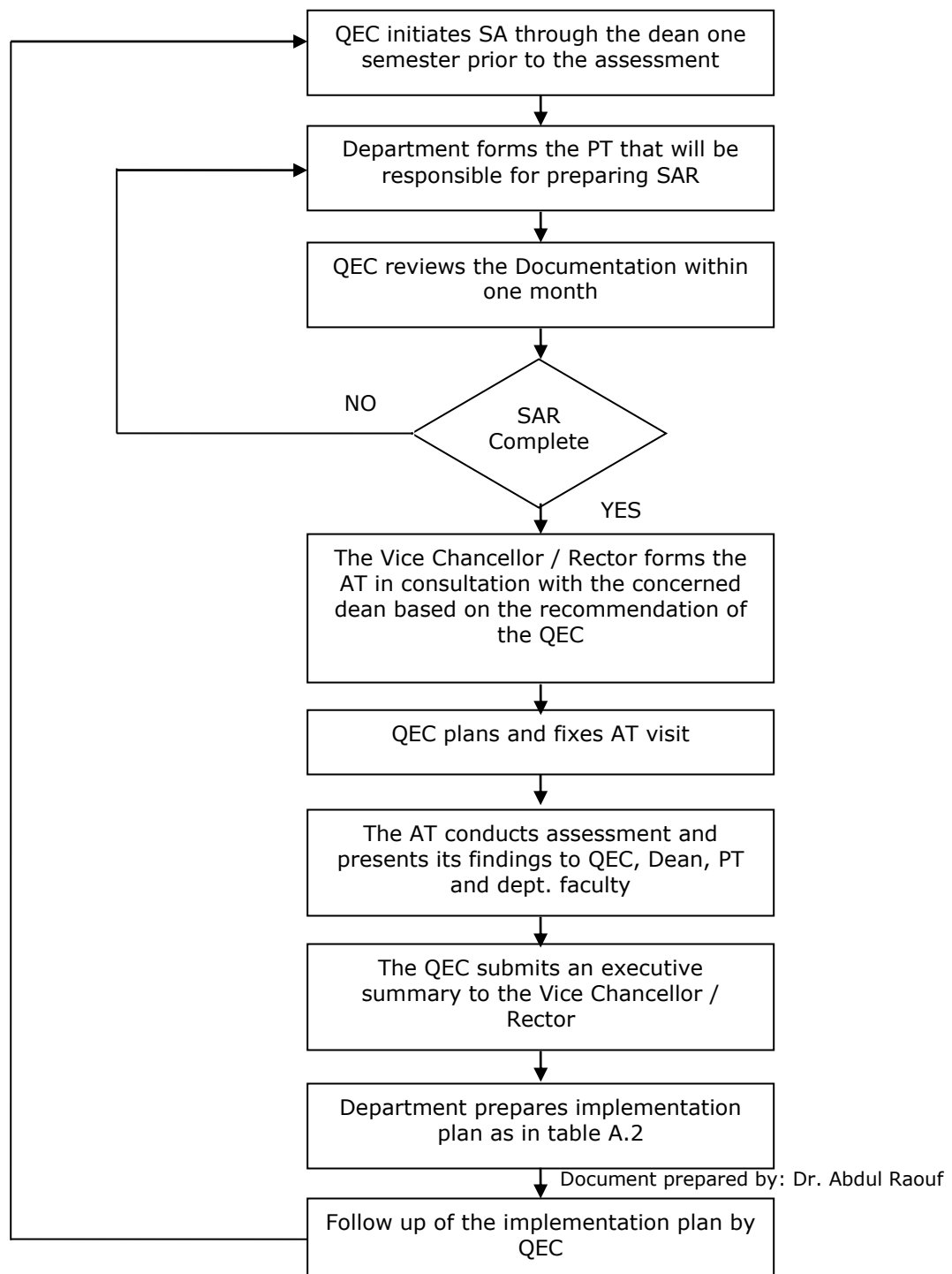
**Self-Assessment Report
(2023 Cycle for the Year 2024)**

(BS Surgical)

Submitted to: Quality Enhancement Cell

Program Team

S#	Name & Designation	Status	Signature
1	Javaid Suleman	Member	
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Legend

- QEC: Quality Enhancement Cell
- PT: Program Team
- SA: Self Assessment
- SAR: Self Assessment Report
- AT: Assessment Team

4. CRITERIA

The self-assessment is based on several criteria. To meet each criterion a number of standards must be satisfied. This section describes each criterion and its associated standards.

Criterion 1: PROGRAM MISSION, OBJECTIVES AND OUTCOMES

Each program must have a mission, measurable objectives and expected outcomes for graduates. Outcomes include competency and tasks graduates are expected to perform after completing the program. A strategic plan must be in place to achieve the program objectives. The extent to which these objectives are achieved through continuous assessment and improvements must be demonstrated.

Standard 1-1: The program must have documented measurable objectives that support Faculty / College and institution mission statements.

- Document institution, college and program mission statements

<p>Institute Mission Statement To be among the best academic healthcare centers in health education, research and excellence in patient healthcare by using technological advancement, innovate methodology, immense clinical experience, continuous quality improvement, gracious</p>

- State program objectives. Program educational objectives are intended to be statements that describe the expected accomplishments of graduates during the first several years following graduation from the program.

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|---|
| <ol style="list-style-type: none">1. To acquire knowledge and practical skills in diagnostics and therapeutic surgical procedures2. To peruse lifelong learning to stay updated wit advancements in surgical technology in order to achieve surgical efficacy and patient care3. To collaborate with health care departments to promote heath care initiatives4. To ensure all surgical staff, adhere to proper operation theater protocols5. To educate surgical teams anatomical landmarks for selection appropriate incision sites |
|---|

- Describe how each objective is aligned with program, college and institution mission

statements.

Alignment between		
Program Objectives	Program Mission	University Mission
<ol style="list-style-type: none"> 1. To acquire knowledge and practical skills in diagnostics and therapeutic surgical procedures 2. To peruse lifelong learning to stay updated with advancements in surgical technology in order to achieve surgical efficacy and patient care 3. to collaborate with health care departments to promote health care initiatives 4. to ensure all surgical staff, adhere to proper operation theater protocols 5. to educate surgical teams anatomical landmarks for selection appropriate incision sites 	<p>The mission of the program is to decrease microbes from operating rooms to reduce complications and ensure safe surgery, to prepare students for surgical related employment, achieve advance degree in health related fields, knowledge & ethics. With the best interpersonal communication skills and to serve the community and humanity.</p>	<p>Khyber Medical University aims to promote professional competence through learning and innovation for providing comprehensive quality health care to the nation.</p>

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- Outline the main elements of the strategic plan to achieve the program mission and objectives.
- Provide for each objective how it was measured, when it was measured and improvements identified and made. Table 4.1 provides a format for program objectives assessment.

Objective	How measured	When measured	Improvement identified	Improvement made
Not applicable				

Table 4.1: Program objectives assessment

* Using Questionnaire provided in Appendix C

Standard 1-2: The program must have documented outcomes for graduating students. It must be demonstrated that the outcomes support the program objectives and that graduating students are capable of performing these outcomes.

- Describe how the program outcomes support the program objectives. In Table 4.2 show the outcomes that are aligned with each objective. A sample of such a table is shown in Appendix D

Program Objectives	Program Outcomes			
	Perform surgical first assistant role.	Management and care of different surgical instruments	Perioperative patient care	Surgical skills
To acquire knowledge and practical skills in diagnostics and therapeutic surgical procedures	•	•	•	•
To peruse lifelong learning to stay updated wit advancements in surgical technology in order to achieve surgical efficacy and patient care	•	•	•	•
To collaborate with health care departments to promote heath care initiatives			•	
To ensure all surgical staff, adhere to proper operation theater	•		•	
To educate surgical teams anatomical landmarks for selection appropriate incision sites	•	•	•	•

Table 4.2: Outcomes versus objectives

- Describe the means for assessing the extent to which graduates are performing the stated program outcomes/learning objectives. This should be accomplished by the following:
 - Conducting a survey of graduating seniors every semester.
 - Conduct a survey of alumni every two years.

3. Conduct a survey of employers every two years.
4. Carefully designed questions asked during senior projects presentations. These questions should be related to program outcomes.
5. Outcomes examinations

A sample of the forms for such surveys is given in Appendix C. The data obtained from the above sources should be analyzed and presented in the assessment report.

It is recommended that the above surveys should be conducted, summarized and added to the self-study assessment report. Departments should utilize the results of the surveys for improving the program as soon as they are available. An example follows:

EXAMPLE (Program Objectives – Program Outcomes)

An example of program objectives and program outcomes is given below.

PROGARM OBJECTIVES (as developed by the department)

Objective 1

To acquire knowledge and practical skills in diagnostics and therapeutic surgical procedures

Objective 2

To peruse lifelong learning to stay updated with advancements in surgical technology in order to achieve surgical efficacy and patient care.

Objective 3

To collaborate with health care departments to promote heath care initiatives

PROGRAM OUTCOMES (as developed by the department)

Objective 1 outcome

1. To identify and explain various diagnostics test and procedures in surgical settings example lab test imaging studies
2. To identify and explain various therapeutic procedures use in surgical settings example suturing, wound care and medication administration

Objective 2 outcome

1. To participate in continuing education courses conferences and workshops to stay updated on latest surgical technologies and techniques.
2. To apply knowledge of new surgical techniques and technologies to improve surgical outcomes and reduce complications.
3. To stay informed about changes in regulations guidelines and standard related to surgical technology

Objective 3 outcome

1. Work with health care teams to identify areas for improving in patient care.
2. To work with health care professionals to develop and implement health care initiatives.

The program outcomes are the by products of the program objectives and are interrelated. An example of interrelation between the program objectives and the program outcomes is shown in the following table.

Program Objectives	Program Outcomes					
	1a	1b	2a	2b	3a	3b
1	●	●	○	○	○	·
2	○	○	●	●	·	○
3	·	·	○	○	●	●

Relationship between Program Objectives and Program Outcomes

Legend

● Denotes substantial contribution to the objective and ○ denotes moderate contribution to the objective. ■ Denotes no contribution to the objective.

Standard 1-3: The results of program's assessment and the extent to which they are used to improve the program must be documented.

- Describe the actions taken based on the results of periodic assessments.
- Describe major future program improvements plans based on recent assessments.
- List strengths and weaknesses of the program
- List significant future development plans for the program.

Standard 1-4: The department must assess its overall performance periodically using quantifiable measures.

Years	Total students	Retained Students	Attrition	No. graduate students	Student/teacher ratio
2019	19	8	11	03	2:4
2020	04	2	2	0	1:4
2021	02	0	2	0	n/a

Criterion 2: CURRICULUM DESIGN AND ORGANIZATION

The curriculum must be designed and organized to achieve the program's objectives and outcomes. Also course objectives must be in line with program outcomes. The breakdown of the curriculum must satisfy the standards specified in this section. Curriculum standards are specified in terms of credit hours of study. A semester credit hour equals one class hour or two to three laboratory hours per week. The semester is approximately fifteen weeks.

Provide the following information about the program's curriculum:

- A. Title of degree program.
- B. Definition of credit hour.
- C. Degree plan: attach a flow-chart showing the prerequisites, core, and elective courses.

D. Complete Table 4.3 showing curriculum breakdown in terms of mathematics and basic sciences, major requirements, social sciences and other requirements.

E. For each course in the program that can be counted for credit provide 1-2 pages specifying the following:

- Course title
- Course objectives and outcomes
- Catalog description
- Text book(s) and references
- Syllabus breakdown in lectures
- Computer usage
- Laboratory
- Content breakdown in credit hours (if applicable) as basic science, math, engineering science, and design for engineering discipline, general education requirements, business requirements and major requirements for the Business Studies and others.

Semester	Name of Subject	CODE	Credits Hr
First	BIOCHEMISTRY-I	PMS-601	3+1
	HUMAN PHYSIOLOGY-I	PMS-602	3+1
	HUMAN ANATOMY-I	PMS-603	3+1
	ENGLISH-I	PMS-604	2+0
	PAK STUDIES	PMS-605	2+0
	COMPUTER SKILLS	PMS-606	1+1
Second	BIOCHEMISTRY-II	PMS-607	3+1
	HUMAN PHYSIOLOGY-II	PMS-608	3+1
	HUMAN ANATOMY-II	PMS-609	3+1
	ENGLISH-II	PMS-610	2+0
	ISLAMIC STUDIES	PMS-611	2+0
Third	SURGICAL INSTRUMENTS AND EQUIPMENTS AND BIOSAFTY	SUR-601	2+1
	GENERAL PATHOLOGY-I	PMS-612	2+1
	MEDICAL MICROBIOLOGY-I	PMS-613	2+1
	COMMUNICATIONSKILLS	PMS-615	1+1
	PHARMACOLOGY_I	PMS-614	2+1
	HEAMATOLOGY_1	MLT-601	2+1
Fourth	SURGICAL SETUP ANDPOSITIONING	SUR-602	2+1
	PHARMACOLOGY -11	PMS-616	2+1
	MEDICAL MICROBIOLOGY-II	PMS-618	2+1
	DIAGNOSTIC IMAGING	RAD-610	1+1
	PATHOLOGY-II	PMS-617	2+1
	BEHAVIRAL SCIENCES	PMS-619	2+0
	STERILIZATION ANDDISINFECTION	SUR-603	1+1
Fifth	SURGICAL EMERGENCY	SUR-604	2+1
	MINOR SURGERY	SUR-605	2+1

	ENT SURGERY	SUR-606	2+1
	ANESTHESIAEQUIPMENT	ANS-606	2+1
	CLINICAL OPERATIVE THORACIC SURGERY	SUR-607	2+1
	GENERAL SURGERY	SUR-608	2+1
			18
Sixth			
	CLINICAL OPERATIVE OPHTHALMIC SURGERY	SUR-614	2+1
	PERI OPERATIVE CARE	SUR-609	2+1
	CLINICAL OPERATIVE PEDIATRIC SURGERY	SUR-613	2+1
	CLINICAL OPERATIVE GENERAL SURGERY	SUR-610	2+1
	CLINICAL OPERATIVE GYNECOLOGY OBSTETRICS	SUR-611	2+1
	DIAGNOSTIC AND ENDOSCOPIC SURGERY	SUR-612	2+1
			18
Seventh	FUNDAMENTAL OF INFECTION CONTROL	PMS-624	1+1
	BIOSTATISTICS	PMS-622	2+1
	RESEARCH METHODOLOGY	PMS-621	2+1
	CLINICAL OPERATIVE NEURO SURGERY	SUR-615	2+1
	EPIDEMIOLGY	PMS-623	1+1
	CLINICAL OPERATIVE NEUROLOGY SURGERY	SUR-616	2+1
			16
Eight	RESEARCH PROJECT/SEMINAR	PMS-626	6
	CLINICAL OPERATIVE ORTHOPEDIC SURGERY	SUR-617	2+1
	BIOETHIC	PMS-625	2+0
	OPERATING ROOM MANAGEMENT	SUR-618	1+1
	SEMINAR	PMS-627	1+0
	TOTAL 124/136		14
	TOTAL CREDIT HOURS		136

Table 4.3: Curriculum course requirements

Standard 2-1: The curriculum must be consistent and supports the program's documented objectives.

- Describe how the program content (courses) meets the program objectives
- Complete the matrix shown in Table 4.4 linking courses to program outcomes. List the courses and tick against relevant outcomes. A sample of such a matrix is shown in Appendix D.

Courses/Groups of Courses	Objectives				
	1	2	3	4	5
1 st Semester					
Anatomy	✓				✓
Physiology	✓	✓	✓		✓
Biochemistry	✓	✓	✓	✓	✓
English I	✓			✓	✓

Pak study	✓	✓		✓	✓
Computer skill	✓	✓			✓
2 nd Semester					
Biochemistry II	✓	✓	✓	✓	✓
Human Physiology II	✓	✓	✓		✓
Human Anatomy II	✓				✓
English II	✓			✓	✓
Islamic Studies			✓	✓	✓
3 rd Semester					
General Pathology I	✓		✓		✓
General Pharmacology I	✓	✓		✓	✓
Communication Skills	✓	✓		✓	✓
Medical Microbiology I	✓		✓	✓	✓
Surgical Equipments and biosaftey	✓	✓	✓	✓	✓
4 th Semester					
General Pharmacology II	✓	✓		✓	✓
General pathology II	✓		✓		✓
Behavior Sciences		✓		✓	✓
Medical Microbiology II	✓		✓	✓	✓
Diagnostic Imaging	✓	✓	✓		✓
Surgical Setup and positioning	✓	✓	✓	✓	✓
Sterilization and disinfection		✓	✓	✓	✓
5 th Semester					

Anesthesia Equipment	✓	✓	✓		✓
Surgical Emergency I	✓	✓	✓	✓	✓
Minor Surgery	✓	✓	✓	✓	✓
ENT	✓	✓	✓	✓	✓
General Surgery	✓	✓	✓	✓	✓
Clinical operative thoracic surgery	✓	✓	✓	✓	✓
6 th Semester					
Biostatistics	✓		✓	✓	✓
Research Methodology	✓	✓	✓		✓
Peri operative Care	✓	✓	✓	✓	✓
clinical operative general surgery	✓	✓	✓	✓	✓
Clinical operative Gynae obstetrics	✓	✓	✓	✓	✓
Diagnostic and endoscopic surgery	✓	✓	✓	✓	✓
7 th Semester					
Clinical operative ophthalmic surgery	✓	✓	✓	✓	✓
Clinical and operative pediatric surgery	✓	✓	✓	✓	✓
Epidemiology	✓	✓		✓	✓
Clinical operative neuro surgery	✓	✓	✓	✓	✓
Fundamental of		✓	✓	✓	✓

infection control					
Clinical and operative urology surgery	✓	✓	✓	✓	✓
8 th Semester					
Clinical operative orthopedic surgery	✓	✓	✓	✓	✓
Bio Ethics	✓			✓	✓
Operating room management	✓	✓	✓	✓	✓

Table 4.4: Courses versus program outcomes

Standard 2-2: Theoretical background, problems analysis and solution design must be stressed within the program's core material.

- Indicate which courses contain a significant portion (more than 30%) of the elements in standard 2-2.

Elements	Courses
Theoretical background	PMS603,PMS606,PMS605,PMS604,PMS609,PMS610,PMS611,SUR601,PMS615,SUR602,SUR603,PMS619,ANS606,SUR609,PMS624,PMS621,PMS625,SUR618,
Problem analysis	PMS601,PMS602,PMS607,PMS608,PMS612,MLT601,PMS613,RAD610,PMS617,PMS618,PMS622,
Solution design	PMS614,PMS616,SUR604,SUR606,SUR605,SUR607,SUR608,SUR613,SUR614,SUR610,SUR612,SUR611,PMS623,SUR615,SUR616,SUR617,

Table 4.5: Standard 2-2 requirement

Standard 2-3: The curriculum must satisfy the core requirements for the program, as specified by the respective accreditation body. Examples of such requirements are given in Table A.1, Appendix A.

The curriculum satisfies the core requirement of the program as specified by HEC.

Standard 2-4: The curriculum must satisfy the major requirements for the program as specified by HEC, the respective accreditation body / councils. Examples of such requirements are given in Table A.1, Appendix A.

The curriculum satisfies the major requirement for the program as specified by HEC.

Standard 2-5: The curriculum must satisfy general education, arts, and professional and other discipline requirements for the program, as specified by the respective accreditation body / council. Examples of such requirements are given in Table A.1, Appendix A.

The curriculum satisfies general education, arts and professional educations accordingly to the HEC. Some general subjects like Islamait, English, Pakstudies and medical ethics in 1, 2 and 8 semesters are included in program.

Standard 2-6: Information technology component of the curriculum must be integrated throughout the program.

The information technology component of curriculum is integrated throughout the program in different semesters.

Standard 2-7: Oral and written communication skills of the student must be developed and applied in the program.

Oral and written communication skills of student are developed and applied in program in multiple semester.

Criterion 3: LABORATORIES AND COMPUTING FACILITIES

Laboratories and computing facilities must be adequately available and accessible to faculty members and students to support teaching and research activities. To meet this criterion the standards in this section must be satisfied. In addition departments may benchmark with similar departments in reputable institutions to identify their shortcomings if any.

Provide the following information about the laboratories and computing facilities:

Describe the laboratory/ computer facilities that are available for use in the program under assessment. Indicate for each lab the following

- Laboratory Title
- Location and area

- Objectives
- Adequacy for instruction
- Courses taught
- Software available if applicable
- Major Apparatus
- Major Equipment
- Safety regulations

Major Apparatus/ Major Equipment

Abscess, suture set, allis tissue forceps, antiseptic solutions, artery clamp pediatric, artery forceps curved, arthroscopic surgery blade, autoclave tape, basic surgery set, bechert lens, babcock forceps, bone filler, bone holding forceps, bone nibbler, bp apparatus, bull dog clamps, cate paw forceps, currete, bp handle, autoclave, dever retractor, dissecting forceps non tooth (different sizes) dissecting forceps with tooth (different sizes), dressing forceps, dressing ray tec, dressing set, female catheter, fine clamp forceps, hemostatic forceps, kidney tray, kocher forceps non tooth straight (different sizes) kocher forceps straight (different sizes), mouth gauge, myo hegar needle holder, nasal packing forceps, periosteum elevator, proctoscope, pulse oximeter, right angle clamps, operation lamp, overall, scalpel handle, (different sizes) self retaining retractor, skin hooks, sucker nozzle, surgical dissecting scissors, surgical tubes, surgical sterilization drum, surgical bed, tongue forceps, trocal small med large, operation theater bed, uterine holding forceps

Safety regulations

First aid kit, fire extinguisher

Standard 3-1: Laboratory manuals/documentation/instructions for experiments must be available and readily accessible to faculty and students.

as per requirement of KMU all basic requirements are fulfilled and list of inventory is mentioned above.

Standard 3-2: There must be adequate support personnel for instruction and maintaining the laboratories.

yes the laboratories have adequate support personal lab assistant is available for instruction and maintain laboratories.

Standard 3-3: The University computing infrastructure and facilities must be adequate to support program's objectives.

- Describe how the computing facilities support the computing component of your program.

Yes the college computing infrastructure and facilities are adequate to support program objectives.

- Benchmark with similar departments in reputable institutions to identify short comings in computing infrastructure and facilities if any.

All the basic equipment requirements are fulfilled and be compared with any reputable institution.

Criterion 4: STUDENT SUPPORT AND ADVISING

Student must have adequate support to complete the program in a timely manner and must have ample opportunity to interact with their instructors and receive timely advice about program requirements and career alternatives. To meet this criterion the standards in this section must be satisfied.

Standard 4-1: Courses must be offered with sufficient frequency and number for students to complete the program in a timely manner.

Classes are held according to recommended credit hours and Table of Specification TOS as per KMU are shared with students and faculty.

Standard 4-2: Courses in the major area of study must be structured to ensure effective interaction between students, faculty and teaching assistants.

The courses in the major area of studies are structured by KMU to ensure effective interaction between students, faculty and teaching assistants.

Standard 4-3: Guidance on how to complete the program must be available to all students and access to academic advising must be available to make course decisions and career choices.

Course coordinators and admin staff is available to all students for making career choices and academic advising.

- Describe how students are informed about program requirements.

Administration staff is available and guide the students about the requirement of the program.

- Describe the advising system and indicate how its effectiveness is measured.

Staff members are available to guide and assist.

- Describe the student counseling system and how students get professional counseling when needed.

Counseling cell is available with qualified staff and student can seek professional counseling whenever required.

- Indicate if students have access to professional counseling; when necessary.

From Monday to Saturday during working hours

- Describe opportunities available for students to interact with practitioners, and to have membership in technical and professional societies.

Multiple opportunities are available for students to interact with practitioners.

Criterion 5: PROCESS CONTROL

The processes by which major functions are delivered must be in place, controlled, periodically reviewed, evaluated and continuously improved. To meet this criterion a set of standards must be satisfied.

Standard 5-1: The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

- Describe the program admission criteria at the institutional level, faculty or department if applicable.
- Describe policy regarding program/credit transfer.
- Indicate how frequently the admission criteria are evaluated and if the evaluation results are used to improve the process.

Standard 5-2: The process by which students are registered in the program and monitoring of students progress to ensure timely completion of the program must be documented This process must be periodically evaluated to ensure that it is meeting its objectives.

- Describe how students are registered in the program.

All the criteria is set by KMU:

1. Appeared in KMU CAT test.
 2. FSc pre medical with minimum 50% or above marks.
 3. At the time of admission interview is conducted.
- Describe how students' academic progress is monitored and how their program of study is verified to adhere to the degree requirements.

Students progress is monitored from below mentioned activities:

1. Weekly quiz, assignments and presentation.
 2. Parents teachers meeting.
 3. Weekly reports are submitted by faculty.
- Indicate how frequently the process of registration and monitoring are evaluated and if the evaluation results are used to improve the process.

As per KMU Policy

Standard 5-3: The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with institution mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

- Describe the process used to ensure that highly qualified faculty is recruited to the program.

Competitive salaries.

Extendable contracts.

- Indicate methods used to retain excellent faculty members.

Interim bonuses.

Fringe benefits such as TA/DA as per additional work extra payment.

- Indicate how evaluation and promotion processes are in line with institution mission statement.

Yes, we do evaluate if the objectives are followed

- Indicate how frequently this process is evaluated and if the evaluation results are used to improve the process.

As per criteria given by KMU.

Standard 5-4: The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

- Describe the process and procedures used to ensure that teaching and delivery of course material is effective and focus on students learning.

Weekly reports are submitted by faculty, monthly faculty meeting and students survey are conducted.

- Indicate how frequently this process is evaluated and if the evaluation results are used to improve the process.

On monthly and weekly bases and in the end of semester.

Standard 5-5: The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

- Describe the procedures used to ensure that graduates meet the program requirements.

N/A

- Describe when this procedure is evaluated and whether the results of this evaluation are used to improve the process

N/A

Criterion 6: FACULTY

Faculty members must be current and active in their discipline and have the necessary technical depth and breadth to support the program. There must be enough faculty members to provide continuity and stability, to cover the curriculum adequately and effectively, and to allow for scholarly activities. To meet this criterion the standards in this section must be satisfied.

Standard 6-1: There must be enough full time faculty who are committed to the program to provide adequate coverage of the program areas/courses with continuity and stability. The interests and qualifications of all faculty members must be sufficient to teach all courses, plan, modify and update courses and curricula. All faculty members must have a level of competence that would normally be obtained through graduate work in the discipline. The majority of the faculty must hold a Ph.D. in the discipline.

- Complete the following table indicating program areas and number of faculty in each area.
- Each faculty member should complete a resume, prepared in a format included in Appendix B.
- Information recorded in Table 4.6 and faculty member's resumes will be sufficient to validate standard 6-1.

Program area of specialization	Courses in the area and average number of sections per Semester	Number of faculty members in each area	Number of faculty with Ph.D. degree
Endoscopy	54	3	Not applicable
Minor Surgery	54	3	
Surgical instruments/ equipment and biosafety	54	3	
Surgical Emergency	54	3	
Total	216	12	

Table 4.6: Faculty distribution by program areas

Standard 6-2: All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place.

- Describe the criteria for faculty to be deemed current in the discipline and based on these criteria and information in the faculty member's resumes, what percentage of them is current. The criteria should be developed by the department.

As per KMU criteria.

Faculty documented records on KMU portal.

- Describe the means for ensuring that full time faculty members have sufficient time for scholarly and professional development.

Faculty members credit hours range within 15 per week and they have sufficient time for scholarly activity.

- Describe existing faculty development programs at the departmental and university level. Demonstrate their effectiveness in achieving faculty development.
- Indicate how frequently faculty programs are evaluated and if the evaluation results are used for improvement.

Faculty evaluation surveys are conducted on the basis of result finding are improved through teachers meeting and capacity building programs.

Standard 6-3: All faculty members should be motivated and have job satisfaction to excel in their profession.

- Describe programs and processes in place for faculty motivation.

Activities and workshops are conducted to enhance the faculty motivation.

- Obtain faculty input using faculty survey (Appendix C) on programs for faculty motivation and job satisfaction.
- Indicate how effective these programs are.

Criterion 7: INSTITUTIONAL FACILITIES

Institutional facilities, including library, classrooms and offices must be adequate to support the objective of the program. To satisfy this criterion a number of standards must be met.

Standard 7-1: The institution must have the infrastructure to support new trends in learning such as e-learning.

- Describe infrastructure and facilities that support new trends in learning.

Projector base classrooms, internet facilities, highly equipped laboratories, library and information technology labs.

- Indicate how adequate the facilities are.

All classrooms are projector based,

All computer have internet access

Wifi facility is available

Highly equipped labs

Fulfil all requirements of KMU.

Standard 7-2: The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel.

- Describe the adequacy of the library's technical collection.

2000 books available, along with computer and internet facilities.

- Describe the support rendered by the library.

Faculty and students can issue books.

Computer and internet facility

Daily news paper

Standard 7-3: Class-rooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.

- Describe the adequacy of the classrooms.

Adequate classrooms with all basic requirements.

- Describe the adequacy of faculty offices

Offices are air conditioned, well furnished, tables, comfortable chairs, computers and internet facilities available.

Criterion 8: INSTITUTIONAL SUPPORT

The institution's support and the financial resources for the program must be sufficient to provide an environment in which the program can achieve its objectives and retain its strength.

Standard 8-1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teachers and scholars.

- Describe how your program meets this standard. If it does not explain the main causes and plans to rectify the situation.

Sufficient funds to meet standards.

- Describe the level of adequacy of secretarial support, technical staff and office equipment.

Sufficient funds to meet standards.

Standard 8-2: There must be an adequate number of high quality graduate students, research assistants and Ph.D. students.

- Provide the number of graduate students, research assistants and Ph. D students for the last three years.

05 students graduated

- Provide the faculty: graduate student ratio for the last three years.

Standard 8-3: Financial resources must be provided to acquire and maintain Library holdings, laboratories and computing facilities.

- Describe the resources available for the library.
- Describe the resources available for laboratories.
- Describe the resources available for computing facilities.

Sufficient financial resources available for laboratories, library and computing facilities.