



## Annual Program Report (Postgraduate Degree)

<b>Program Name:</b>	Master of Science in Physical Therapy
<b>Qualification Level:</b>	Level 7
<b>Department:</b>	Physical Therapy & Health Rehabilitation
<b>College:</b>	College of Applied Medical Sciences
<b>Institution:</b>	Majmaah University
<b>Academic Year:</b>	2021 - 22
<b>Main Location:</b>	Building number: 5, Majmaah University
<b>Branches offering the Program:</b>	None

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## A. Implementation of Previous Action Plan

Considering the recommendations of the previous year annual report, list the planned actions and their status.

Priorities for Improvement	Planned Actions	Responsibility of Action	Planned Completion Date	Level of Completion		If Not Completed	
				Completed	Not Completed	Reasons	Proposed Actions
Revision of Course Learning outcomes	The learning outcomes was edited in a more appropriate way to match with the Domains	Course coordinator/Instructor	03/07/2021	Completed			
Revision of course contents	The course specification was revised with introduction to more specific and advanced topics in some subjects like in Biomechanics	Course coordinator/Instructor	03/07/2021	Completed			
Preparation of activity-based case studies for effective learning of the students	Various types of specific case studies pertaining to related subject was prepared by course Instructor  Injury assessment and treatment protocols must be exercised before the exams for better skill performance. (Activity Based Learning)	Course coordinator/Instructor	03/07/2021  30/12/21	Completed			
7. Procurement of further required instruments, equipment, and consumables for the designed specialty labs.	Purchased consumables for the designed specialty labs and new camera was installed in the Motion analysis lab	Lab committee	August 2022	Completed			
8. Most of the Course Specifications were revised with updated textbook references	Updated the Course Specifications	Academic Affairs Committee	August 2022	Completed			
9. Effective maintenance of designed specialty labs	Periodic maintenance of designed specialty labs	Lab Committee	August 2022	Completed			

10. Enhance research funding for the College	Acquire research grants from national and international funding agencies	Scientific Research committee	August 2022	Completed			
11. Promote a culture of undertaking various interdisciplinary research projects	Research partnership between the various departments within or outside the college	Scientific Research committee	August 2022	Completed			
12. Linking scientific research to the needs and problems of the local and national community	Provide assistance and support to members to participate in scientific events at local and national level	Scientific Research committee	August 2022	Completed			

## B. Program Statistics

### 1. Students Statistics (in the year concerned)

No.	Item	Results
1	Number of students enrolled at all levels of the program	71
2	Number of students who started the program	28
3	Number of students who graduated	10
4	Number of students who completed major tracks within the program (if applicable)	
	a. Sport physical therapy	3
	b. Neurological physical therapy	7
5	Number of students who completed an intermediate award specified as an early exit point (if any)	NA

### 2. Analysis of Program Statistics

(including strengths, areas for improvement, and priorities for improvement)

<b>Strengths :</b>
<ul style="list-style-type: none"> <li>The master of science in physical therapy program offers four tracks for achieving the many disciplines in physical therapy for students. And the needs of society.</li> <li>There is a gradual increase in the number of students enrolled in the program</li> <li>The number of female students were increased</li> </ul>
<b>Areas for Improvement:</b>
<ul style="list-style-type: none"> <li>The number of graduated students in the minimum time of the program were less</li> </ul>
<b>Priorities for Improvement:</b>
<ul style="list-style-type: none"> <li>Advise and guide students to apply for the proposal of the master thesis early so that the number of graduated students in the minimum time of the program can be increased.</li> </ul>

## C. Program Learning Outcomes Assessment

### 1. Program Learning Outcomes Assessment Results.

#	Program Learning Outcomes	Assessment Methods (Direct and Indirect)	Performance Target	Results
	Knowledge and Understanding			

#	Program Learning Outcomes	Assessment Methods (Direct and Indirect)	Performance Target	Results
K1	The student will <b>acquire</b> a comprehensive and well-founded knowledge of biomedical sciences relevant to human health and function within the context of physiotherapy.	<ul style="list-style-type: none"> <li>• Direct Assessment of student's achievements including written &amp; Oral exams, quizzes etc.</li> <li>• Surveys &amp; other indirect Indicators.</li> </ul>	70%	95%
K2	The student will <b>recognize</b> the contemporary issues based on the understanding of theoretical concepts and principles relevant to physiotherapy for an evidence-based practice		70%	91%
<b>Skills</b>				
S1	The student will develop the ability to critically <b>evaluate</b> and effectively apply evidence as a basis for physiotherapy practice.	<ul style="list-style-type: none"> <li>• Direct Assessment of student's achievements including exams, long and short essays, logbooks, analytical reports, case studies, video analysis, group reports, lab reports, peer evaluations, videos, graphs, viva etc.</li> <li>• Surveys &amp; other indirect Indicators.</li> </ul>	70%	93%
S2	The student will <b>integrate</b> the available scientific evidence to determine the effectiveness of interventions and to contribute to the body of knowledge in physiotherapy.		70%	90%
S3	The student will <b>demonstrate</b> clinical skills in physiotherapy diagnosis, prognosis, evaluation, treatment planning, and implementation across health care settings	<ul style="list-style-type: none"> <li>• Direct Assessment of student's achievements case presentation, logbooks, analytical reports, case studies, video analysis, group reports etc.</li> <li>• Surveys &amp; other indirect Indicators</li> </ul>	70%	95%
S4	The students will <b>present</b> a clear and coherent exposition of knowledge and ideas using variety of communication mediums, including verbal and written communication, and technology	<ul style="list-style-type: none"> <li>• Direct Assessment of student's achievements case presentation, assignments, project report, interviews etc.</li> <li>• Surveys &amp; other indirect Indicators</li> </ul>	70%	93%
<b>Values</b>				
V1	The student will consistently <b>display</b> the commitment to society through advocacy and advancement of the physical therapy profession	<ul style="list-style-type: none"> <li>• Direct Assessment of student's achievements case presentation, peer evaluations, attitudes &amp; value assessed through various rubrics, extracurricular</li> </ul>	70%	91%
V2	The student will <b>collaborate</b> in a professional, ethical, legal, and compassionate manner to optimize health care delivery		70%	97%

#	Program Learning Outcomes	Assessment Methods (Direct and Indirect)	Performance Target	Results
		activity reports, interviews etc • Surveys & other indirect Indicators.		

**Comments on the Program Learning Outcomes Assessment Results.**

- The achievement of all outcomes is satisfactory.
- The student performance percentage on these PLOs are satisfactory. Additionally, in the upcoming years, efforts will be made to maintain and boost performance.
- The courses and clinical practice manual will be updated with the recent development in the field of physiotherapy
- The student's performance will be improved in the upcoming years through expanding clinical exposure.
- Students need to improve in professional relationship with the client and society.

\* Include the results of measured learning outcomes during the year of the report according to the program plan for measuring learning outcomes

\*\* Attach a separate report on the program learning outcomes assessment results for male and female sections and for each branch (if any)

## 2. Analysis of Program Learning Outcomes Assessment

(including strengths, Areas for Improvement:, and priorities for improvement)

### Strengths :

- The majority of the students had a good learning experience with all outcomes, reflecting that the students were very well acquainted with the knowledge and skills of the courses.
- The students were able to acquire a comprehensive and well-founded knowledge of courses relevant to human health and function within the context of physiotherapy.
- The vast majority of students were able to collaborate in a professional, ethical, legal, and compassionate manner to optimize health care delivery.
- Most of the students were able to demonstrate clinical skills in physiotherapy diagnosis, prognosis, evaluation, treatment planning, and implementation across health care settings.

### Areas for Improvement:

- The efforts will be made to maintain the performance in the coming years as well
- The courses and clinical practice manual will be updated with the recent development in the field of physiotherapy
- Students need to improve in a professional relationship with the client and society.
- Students need to recognize the contemporary issues based on the understanding of theoretical concepts and principles relevant to physiotherapy for an evidence-based practice

### Priorities for Improvement:

- More clinical exposure to the students will further improve the outcome.
- More decision-making opportunities for real professional problems should be given to the students.
- Increasing the proportion of case based learning and moving towards active learning process will further improve the outcome.

## D. Summary of Course Reports

### 1. Teaching of Planned Courses / Units

List the courses / units that were planned and not taught during the academic year, indicating the reasons and compensating actions.

Course	Units/Topics	Reasons	Compensating Actions
MPT 610	All the planned units were covered	NA	NA
MPT 611	All the planned units were covered	NA	NA
MPT 612	All the planned units were covered	NA	NA
MPT 613	All the planned units were covered	NA	NA
MPT 614	All the planned units were covered	NA	NA
MPT 620	All the planned units were covered	NA	NA
MPT 621	All the planned units were covered	NA	NA
MPT 624	All the planned units were covered	NA	NA
MPT 625	All the planned units were covered	NA	NA
MPT 638	All the planned units were covered	NA	NA
MPT 639	All the planned units were covered	NA	NA

### 2. Courses with Variations

List courses with marked variations in results that are stated in the course reports, including: (completion rate, grade distribution, student results, etc.), and giving reasons for these variations and actions taken for improvement.

Table 1: Significant Result of Variation for 1st Semester 1442-43H – (Female)

Course Name & Code	variation	Reasons for variation	Actions taken
Medical Screening and		Nine students were enrolled, and eight appeared in the exam in this section. It was noted that two	An independent review of grade verification and

Differential Diagnosis MPT610	12% variations in High grades	students had secured A+, three secured A, and three secured B+. The students have performed excellently in theory and practical exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades of A+ and A.	the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Professional Issues in Physical therapy MPT611	25% variations in High grades	Nine students were enrolled, and eight appeared in the exam in this section. It was noted that three students had secured A+, two secured A, two secured B+, and one B. The students performed excellently in theory and practical exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Research for Physical therapist MPT612	50% variations in High grades	Nine students were enrolled, and eight appeared in the exam in this section. It was noted that five students had secured A+, two secured A, and one secured B+. The students performed excellently in theory exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Advanced Statistical Procedures MPT 613	12.5% variations in High grades	Nine students were enrolled, and eight appeared in the exam in this section. It was noted that three students had secured A, three secured B+, and two secured B. The students performed excellently in theory exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Advanced Biomechanics MPT614	37.5% variations in High grades	Nine students were enrolled, and eight appeared in the exam in this section. It was noted that four students had secured A+, three secured A, and one secured B+. The students performed excellently in theory exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.



**Table 2: Significant Result of Variation for 1st Semester 1442-43H – (Male)**

Course Name & Code	variation	Reasons for variation	Actions taken
Medical Screening and Differential Diagnosis MPT610	8.7% variations in High grades	Twenty-seven students were enrolled, and twenty-three appeared in the exam in this section and four students withdrawn. It was noted that two students had secured A+, five secured A, four secured B+, three B, three secured C+ and six secured C. The students have performed excellently in theory and practical exams. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades of A+, A and B+.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Professional Issues in Physical therapy MPT611	13% variations in High grades	Twenty-seven students were enrolled, and twenty-three appeared in the exam in this section and four students withdrawn. It was noted that six students had secured A+, six secured A, two secured B+, two B, two secured C+ and two secured C and three F. The students have performed excellently in theory. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades of A+, and A.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Research for Physical therapist MPT612	21.7% variations in High grades	Twenty-seven students were enrolled, and twenty-three appeared in the exam in this section and four students withdrawn. It was noted that eight students had secured A+, five secured A, two secured B+, two B, three secured C+ and three secured C. The students performed excellently in theory. Moreover, most students in this section have good GPAs, and the result skewed toward higher grades of A+, and A.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Advanced Statistical Procedures	12.5% variations in High grades	Twenty-seven students were enrolled, and twenty-three appeared in the exam in this section	An independent review of grade verification and the difficulty index of

MPT 613		and four students withdrawn. It was noted that one student had secured A+, three secured A, two secured B+, eight secured B, three secured C+ and six secured C. The students have performed well in theory. Moreover, most students in this section have good GPAs, and the result skewed toward grades of B, A+, and A.	questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Advanced Biomechanics MPT614	55.7% variations in High grades	Twenty-seven students were enrolled, and twenty-three appeared in the exam in this section and four students withdrawn. It was noted that fourteen students had secured A+, eight secured A and one secured B+. The students have performed well in theory. Moreover, most students in this section have good GPAs, and the result skewed toward grades of A+, and A.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.

**Table 3: Significant Result of Variation for 2nd Semester 1442-41H – (Female section)**

Course Name & Code	variation	Reasons for variation	Actions taken
Science of Performance & Injury in Sports MPT620	0.0 % variations in High grades	Three students were enrolled, and all appeared in the exam in this section. It was noted that two students had secured A+, one secured an A. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Motor Control in Health & Disease MPT621	0.0 % variations in High grades	Five students were enrolled, and all appeared in the exam in this section. It was noted that all students had secured an A+. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Assessment & Treatment of Sports Injury MPT624	0.0 variations in grades	Three students were enrolled, and all appeared in the exam in this section. It was noted that one student had secured A+, one secured A, and one secured B+. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.

Clinical Neurosciences for Rehabilitation MPT625	20% variations in High grades	Five students were enrolled, and all appeared in the exam in this section. It was noted that three students had secured A+, and two secured A. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
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**Table 4: Significant Result of Variation for 2nd Semester 1442-41H – (Male section)**

Course Name & Code	variation	Reasons for variation	Actions taken
Science of Performance & Injury in Sports MPT620	12.5 % variations in High grades	Seventeen students were enrolled, and sixteen appeared in the exam in this section. It was noted that six students had secured A+, six secured A and four secured B+. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Motor Control in Health & Disease MPT621	20 % variations in High grades	Six students were enrolled, and five appeared in the exam in this section. It was noted that two students had secured A+, two B and one secured C. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Assessment & Treatment of Sports Injury MPT624	50% variations in High grades.	Seventeen students were enrolled, and sixteen appeared in the exam in this section. It was noted that nine students had secured A+, four secured A, two secured B+ and one B. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.
Clinical Neurosciences for Rehabilitation MPT625	20% variations in High grades	Six students were enrolled, and five appeared in the exam in this section. It was noted that two students had secured A+, and two secured B+ and one secured B. The students performed excellently in theory exams.	An independent review of grade verification and the difficulty index of questions were analyzed. Teaching strategies and assessment tools have been reviewed.

### 3. Analysis of Course Reports' Results

(Including strengths, Areas for Improvement, and priorities for improvement)

<b>Strengths:</b> <ul style="list-style-type: none"> <li>• There was enough opportunity at this institution for the student to obtain advice on their studies and future career.</li> <li>• Students were aware that their study program stimulated their interest in further learning.</li> <li>• This curriculum has improved their ability to investigate and solve new and unusual problems.</li> <li>• Faculties of the department of physical therapy were fair in handling the students.</li> </ul>
<b>Areas for Improvement:</b> <ul style="list-style-type: none"> <li>• Seminar and teaching activities must be improved.</li> <li>• We can incorporate more group activities in this course to improve the skills for teamwork.</li> <li>• The students should be trained to face more clinical vignette types of questions.</li> <li>• Presentation of case studies and essential clinical topics should be included in assessment methods.</li> </ul>
<b>Priorities for Improvement:</b> <ul style="list-style-type: none"> <li>• Students should be involved in teaching and clinical teaching to bachelor students for their teaching skills.</li> </ul>

## E. Program Activities

### 1. Student Counseling and Support

Activities Implemented	Brief Description*
New Students Orientation program	The newly enrolled students at Majmaah university will participate in an orientation course regarding the university's facilities.
Students Advisory	Students enrolled in the master's program are assigned faculty members for academic guidance and assistance.
<b>Comment on Student Counseling and Support**</b>	
None	

\* including action time, number of participants, results and any other statistics.

\*\* including performance evaluation on these activities

### 2. Professional Development Activities for Faculty and Supporting Staff

Activities Implemented	Number of participants		Brief Description*
	Faculty	Supporting Staff	
Weekly faculty development program	18	5	Faculty members voluntarily prepare and deliver presentations on topics of interest.
Participation in national and international conferences	4	-	Faculty members are encouraged to participate in the national and international conferences
Encourage faculty members to obtain license to practice in the hospital	4	-	Faculty members are encouraged to obtain a license to practice in hospitals. Faculty members with valid licenses who dedicate a day to clinical practice are compensated with clinical allowances.
<b>Comment on Professional Development Activities for Faculty and Other Supporting Staff**</b>			
Faculty development programs are conducted every Sunday of the week by the Training Unit, Vice Deanship of Quality & Skills Development.			

\* including action time, number of participants, results and any other statistics.

\*\* including performance evaluation on these activities

### 3. Scientific Research, Innovations and Inventions

#### a. Research Achievements (in the year concerned)

Scientific Production Source <small>(Research Group/Research Chair/Individual Research/Research Project, etc.)</small>	Number of Participants		Classification of Scientific Production <small>(Research ,worksheets ,books inventions, etc.)</small>	Production Status <small>(Published, accepted for publication, patented, etc.)</small>
	Students	Teaching Staff		
All the students are allowed to submit a research proposal in the beginning of third level of program	27	-	Approved Students research undergo evaluation and possible approval	2
<b>Total</b>	27			2

#### Comment on Research Achievements

- As compared to the previous year's one research publication, four masters' students have published their thesis in the high impact factor journal.
- More students are encouraged to publish their thesis in the high-impact factor journals.
- Before publication, students are provided with free English editing services.
- The article processing fee and basic research facilities are provided.

\* Attach a research production statement of the faculty and students in the program including basic data such as (researcher's name , research title ,publishing entity ,publishing date, etc.)

\*\* In the case of multiple scientific production ,the program lists the numbers for each classification individually (Example in individual research :if the total number is (10) in the case of production (6) published ,and (4) acceptable for publication, etc.)

#### b. Theses (approved during in the year concerned)

S.No	Thesis Title	Researcher's Name	Supervisor's Name	Grade
1	The Effect of Family support during Physical therapy Sessions on the Outcomes of Patients with stroke.	Aseel Abdul Mohsen Suleiman Al-Alawi	Dr. Abdulaziz bin Abdullah Alkathiry	Not completed
2	Knowledge and practice of physical therapists in Saudi Arabia towards Bobath approach treatment for patients with stroke.	Faisal Saadoun Farhan Al-Anzi	Dr. Mohammed Qutb Seyam	Completed
3	The knowledge and practice of physical therapists in the Riyadh region towards the effectiveness of positioning for the management and preventions of pressure sores among patients with spinal cord injury.	Najla Faiz Mohammed Al , Shahri	Dr. Mohammed Qutb Seyam	Not completed
4	Awareness, training and practice pattern of physiotherapy intern in vestibular rehabilitation.	Al-Safi Issa Moqbel Al-Harbi	Dr. Dana Bint Mohammed Al-Yahya	Not completed
5	Reliability and validity of Robotic Devices in measuring grip strength among patients	Yara Male Marwa Al-Otaibi	Dr. Dana Bint Mohammed Al-Yahya	Not completed

	with Thoracic Outlet Syndrome.			
6	To evaluate the effectiveness of care therapy among patients with rectus femoris spasticity post-stroke	Samar Musfar Ghaleb Al , Ghabeibi	Dr. Dana Bint Mohammed Al-Yahya	Not completed
7	Knowledge of stroke risk factors and warning signs among Saudi Arabian population: Implications for Physical therapy	Beshir Abdullah Leva Al,Mutairi	D. Mohammad Sharif Sirajuddin	Completed
8	Comparing home-based rehabilitation with outpatient rehabilitation for patients with stroke.	Raghad Samir Ali Al , Khadidi	Dr. Abdulaziz bin Abdullah Alkathiry	Not completed
9	The Effect of Motor Relearning Program on functional mobility in Stroke Rehabilitation	Khadija Abdulrahman Mubarak al Faleh	Dr. Shaikh Abdul Rahim Qadir Mohiuddin	Not completed
10	The Effect of Mirror Therapy on Upper Extremity Motor Function in Stroke Rehabilitation.	Weam Okab Khalaf Al Salem	Dr. Shaikh Abdul Rahim Qadir Mohiuddin	Not completed
11	The Effect of Modified Constraint Induced Movement Therapy on Upper Extremity Function in Stroke Rehabilitation	Abdulrahman Mohammed Ali Shahar	Dr. Shaikh Abdul Rahim Qadir Mohiuddin	Not completed
12	The Effects of trunk exercises with hip strategy training to maximize independence level and balance for patient with stroke.	Al- Anood Othman bin Khalid Al-Massoudi	Dr. Mohammed Qutb Seyam	Not completed
13	Effect of Supervised Versus Unsupervised Strength and Star Excursion Balance Training for Ambulatory Patient with Chronic Stroke.	Hassan Khaled Hassan Nahar	Dr. Shahnaz Hassan	Not completed
14	The knowledge of physical therapists about managing the modifiable risk factors of stroke in Saudi Arabia.	Badr Ali Suleiman Al , Hanaki	Dr. Shaikh Abdul Rahim Qadir	Not completed
15	Facilitating Home-based exercise for people with stroke in Saudi Arabia: Cross-	Faisal Ali Yahya al, Qahtani	Dr. Mohammad Sharif Sirajuddin	Not completed

	Sectional e-Survey of Physical Therapist Practice and Perceived Needs			
16	Cross-cultural adaptation and validation of the Arabic version of the knee and hip health-related quality of life (Mini-OAKHQoL) questionnaire in Saudi patients with osteoarthritis.	Madi Talal	Dr. Mohammed Ateef Gilani	Not completed
17	Cross Cultural adaptation and Validation of Arabic Version of Rivermead Mobility Index for patients with Stroke.	Haifa Mohamed Saad Al , Adwani	Dr. Mohammed Qutb Seyam	Not completed
18	Prevalence of Knee Injuries among Male Football Players in Saudi Arabia.	Latifa Fahd Saleh al, Mansour	Dr. Walaa Sayed Mohammed	Not completed
19	Effectiveness of Pilates training on upper extremity strength, agility and coordination skills among aspiring volleyball players in Saudi Arabia	Abdulaziz Mohammed Manaa al-Mutairi	Dr. Mohamed Miraj Molla	Not completed
20	Prevalence and risk factor of knee injuries among amateur player in Saudi Arabia.	Ibrahim Issa Jaber Al-Fifi	Dr. Msaad bin Mohammed Ali Al-Zahrani	Not completed
21	Prevalence and Factors Associated with Musculoskeletal Disorders Among people in Riyadh City, Saudi Arabia	Fahd Ghazi Mohsen al, Harbi	Dr. Msaad bin Mohammed Ali Al-Zahrani	Not completed
22	Cross-Cultural Adaptation and Arabic Translation of The Rivermead Post-Concussion Symptoms Questionnaire	Qasim Abdo Qasim Al , Sharif	Dr. Msaad bin Mohammed Ali Al-Zahrani	Not completed
23	Cross-cultural adaptation and validation of the Arabic version of the Foot and Ankle Ability Measure in patient with foot and ankle injury	Maram Abdullah Mohammed Friday	Dr. Msaad bin Mohammed Ali Al-Zahrani	Not Completed
24	A qualitative study regarding Saudi patients satisfaction with Physiotherapy management of chronic Low Back pain	Bandar Zayed Jubeer Almutari	Dr. Mohammad Miraj	Not Completed

25	Arabic Translation and validation of the stroke rehabilitation assessment of movement (STREAM)	Zaid Mousa Almuwaysi	Dr. Mohammad Seyam	Not completed
26	Sport physiotherapists attitudes and beliefs, knowledge and practice of concussion in Saudi Arabia	Mohamad Abdullah Alamri	Dr. Ahmad Almansour	Not completed
27	The relationships between kinesiphobia and functional performance in athletes with history of shoulder injuries	Rakan Abdullah Alwabil	Dr. Ahmad Almansour	Not completed

#### Comment on Theses

Two students have completed the thesis and defense. Other students are in the process of writing their thesis.

#### 4. Analysis of Program Activities

(Including strengths, Areas for Improvement, and priorities for improvement)

<b>Strengths:</b>
<ul style="list-style-type: none"> <li>The program has appropriate policies and procedures to carry out the research project</li> <li>The majority of the students have completed the thesis proposals</li> </ul>
<b>Areas for Improvement:</b>
<ul style="list-style-type: none"> <li>To obtain more publications from the master theses.</li> <li>To encourage students to participate in conferences</li> </ul>
<b>Priorities for Improvement:</b>
<ul style="list-style-type: none"> <li>To increase master thesis publications</li> <li>To encourage students to participate in workshops and conferences nationally and internationally</li> </ul>

### F. Program Evaluation

#### 1. Evaluation of Courses

Course Code	Course Title	Student Evaluation (Yes-No)	Other Evaluations (Specify)	Developmental Recommendations
MPT 610	Medical Screening and Differential Diagnosis	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 611	Professional Issues in Physical therapy	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 612	Research for Physical therapist	Yes	None	A faculty member has been informed to discuss all the survey items in the course report



Course Code	Course Title	Student Evaluation (Yes-No)	Other Evaluations (Specify)	Developmental Recommendations
MPT 613	Advanced Statistical Procedures	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 614	Advanced Biomechanics	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 630	Sports & Exercise Participation	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 631	Neurological Rehabilitation	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 634	Sports & Nutrition	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 635	Falls and Balance Dysfunction	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 638	Research Proposal	Yes	None	A faculty member has been informed to discuss all the survey items in the course report
MPT 639	Advanced Clinical Practice 2	Yes	None	A faculty member has been informed to discuss all the survey items in the course report

## 2. Evaluation of Scientific Supervision

### a. Students Evaluation of Scientific Supervision

Evaluation Date : April 2021	Number of Participants:17 (M=10 + F=7)
Students Feedback	Program Response
<b>Strengths:</b> <ul style="list-style-type: none"> <li>• Thesis supervisor/s has the strength to provide additional information relevant to topics of research projects.</li> <li>• Various workshops have served to develop problem-solving skills.</li> <li>• Learning and Teaching facilities have made students to successfully complete their thesis.</li> </ul>	This area will be identified as strength point in the program evaluation
<b>Areas for Improvement:</b> <ul style="list-style-type: none"> <li>• Early initiation of thesis work to complete it on time.</li> <li>• Financial support should be provided for research activities if the projects are eligible.</li> </ul>	The points for improvement have been discussed in the department council and it was decided to consider this in the annual improvement plan

<ul style="list-style-type: none"> <li>• The department must collaborate with other public health institutions to provide better exposure to the master's level students to perform more productive research.</li> </ul>	
<p><b>Suggestions for improvement:</b></p> <ul style="list-style-type: none"> <li>• Data base of all the previous thesis titles must be provided to students through a link so that the students could minimize the time through early decision-making of their work and so that could avoid the duplication of the work.</li> <li>• The department must explore the ongoing national research projects through the health ministry so that the students can be a part of the research project and complete their thesis.</li> <li>• Students must be encouraged to attend national and international conferences periodically to find out the research gaps available which helps to formulate research questions.</li> </ul>	The Suggestions for improvement have been discussed in the department council and it was decided to consider this in the

### b. Other Evaluation of Scientific Supervision

<b>Evaluation method:</b> NONE	<b>Date:</b>	<b>Number of Participants:</b>
<b>Summary of Evaluator(s) Review</b>		<b>Program Response</b>
<b>Strengths:</b> None		
<b>Points for Improvements:</b> None		
<b>Suggestions for improvement:</b> None		

### 3. Students Evaluation of Program Quality

<b>Evaluation Date:</b> November 2021	<b>Number of Participants: 14</b> (M=9 + F=5)
<b>Students Feedback</b>	<b>Program Response</b>
<p><b>Strengths:</b></p> <ul style="list-style-type: none"> <li>• An initial orientation program for new students was given by the employer and the teaching faculty.</li> <li>• Learning Resources and Facilities lecture rooms and laboratories are attractive and comfortable.</li> <li>• The functionality of the central library and its convenient timings.</li> <li>• The helpful teachers and Encouraging students to develop their study skills for a bright future</li> </ul>	This area will be identified as strength point in the program evaluation
<p><b>Areas for Improvement:</b></p> <ul style="list-style-type: none"> <li>• Frequency of orientation programs should be increased.</li> <li>• Procurement of further required instruments, equipment, and consumables for the designed specialty labs.</li> <li>• Advanced labs if any proposed by the faculty.</li> <li>• Separate space for female religious observances to be allocated.</li> <li>• Sports &amp; recreational activities must be facilitated.</li> </ul>	The points for improvement have been discussed in the department council and it was decided to consider this in the annual improvement plan
<p><b>Suggestions for improvement:</b></p> <ul style="list-style-type: none"> <li>• Lack of well-defined area for offering prayers especially for females.</li> </ul>	The Suggestions for improvement have been discussed in the department council

<ul style="list-style-type: none"> <li>• There is less space for recreational activities.</li> <li>• Frequency of orientation programs should be increased</li> </ul>	and it was decided to consider this in the
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\* Attach report on the students evaluation of program quality

#### 4. Other Evaluations (if any)

(e.g. Evaluations by independent reviewer, program advisory committee, and stakeholders (e.g., faculty members, alumni, and employers)

<b>Evaluation method:</b> Graduate Stakeholders Survey	<b>Date:</b> April 2021	<b>Number of Participants:</b> 11 (M=7 +F=4)
<b>Summary of Evaluator(s) Review</b>		<b>Program Response</b>
<b>Strengths:</b> <ul style="list-style-type: none"> <li>• The program helped the students to develop enough interest to continue to update new information in the field of study.</li> <li>• Students have clearly understood that what they learned in this program will be important for their future.</li> <li>• Students have developed communication skills effectively.</li> <li>• The practical courses were found to be effective in developing his skills.</li> <li>• Students have developed the ability to work effectively with groups in the workplace.</li> </ul>		These area will be identified as strength point in the program evaluation
<b>Points for Improvements:</b> <ul style="list-style-type: none"> <li>• Less clinical hours</li> </ul>		The points for improvement have been discussed in the department council and it was decided to consider this in the annual improvement plan
<b>Suggestions for improvement:</b> <ul style="list-style-type: none"> <li>• To create a suitable scientific environment for the student, paying attention to his problems faced in the academic environment.</li> <li>• Students must be motivated to develop the ability to investigate and solve new problems.</li> <li>• Students must be motivated to believe what he has learned in this program is important for their future.</li> </ul>		The Suggestions for improvement have been discussed in the department council and it was decided to consider this in the

\* Attach independent reviewer's report and stakeholders' survey reports ( if any)

#### 5. Key Performance Indicators (KPIs)

List the results of the program key performance indicators (including the key performance indicators required by the National Center for Academic Accreditation and evaluation)

KPI code	Description	Actual performance level 1441-1442 H			Target performance level	Internal reference performance level	Analysis	New target performance level
		Male	Female	Overall				
KPI-PG-1	Percentage of achieved indicators of the program operational plan objectives	90%	90%	90%	88%	85%	Retained the new target of 91%	91%
MU-P-01	Average rating of beneficiaries' satisfaction with the community services provided by the program on a five-level scale in an annual survey	4.8	4.8	4.8	4.6	4.5	The target performance has been achieved	4.7

KPI-PG-2	Students' Evaluation of quality of learning experience in the program	4.7	4.5	4.6	4.5	4.4	Retained the new target as 4.6	4.6
KPI-PG-3	Students' evaluation of the quality of the courses	3.9	3.8	3.9	4.3	4.2	Retained the new target as 4.3	4.3
KPI-PG-4	Students' evaluation of the quality of scientific supervision	4.5	4.4	4.5	4.4	4.3	Retained the new target as 4.5	4.5
KPI-PG-5	Average time for students' graduation	5 Semester	5 Semesters	5 Semesters	4 Semesters	5 Semesters	Retained the new target as 2 years	4 semesters
KPI-PG-6	Rate of students dropping out of the program	0%	0%	0%	0%	0%	No dropouts	0%
KPI-PG-7	Graduates' employability	100%	100%	100%	75%	100%	All were employed	80%
KPI-PG-8	Employers' evaluation of the program graduates' competency	4.5	4.4	4.5	4.5	4.4	The target performance has been achieved	4.6
KPI-PG-9	Students' satisfaction with the services provided	4.4	4.4	4.4	4.5	4.2	Retained the new target as 4.5	4.5
MU-P2	The percentage of students who received a warning or more in the program to the total number of students in the program.	0%	0%	0%	0%	0%	None of the students are issued with academic warning	0%
MU-P3	The % of students who were denied entry to the final examination.	0%	0%	0%	0%	0%	None of the students were denied entry	0%
MU-P4	The number of student papers that have been published or presented in scientific conferences during the past year.	2	0	2	3	1	The program must plan to improve the student publication	3
KPI-PG-10	Ratio of students to faculty members	6.1: 1	7:4:1	6:5:1	2.5: 1	2.6:1	A good student faculty ratio is maintained	5:1

KPI-PG-11	Percentage of faculty members' distribution based on academic ranking	a. Academic Ranking – Assistant Professor	80%	80%	80%	90%	89%	Program has experienced assistant professors	75%
		b. Academic Ranking – Associate Professor	20%	20%	20%	23.5%	15%	Program need to recruit the associate professors	25%
		c. Academic Ranking – Professor	0%	0%	0%	6.25%	6.7%	Program need to recruit the professors	10%
KPI-PG-12	Proportion of faculty members leaving the program	0%	0%	0%	3%	5%	Leaving proportions are less in the program	3%	
KPI-PG-13	Satisfaction of beneficiaries with learning resources	4.5	4.4	4.5	4.5	4.3	The target performance has been achieved	4.6	
KPI-PG-14	Satisfaction of beneficiaries with research facilities and equipment	4.3	4.4	4.4	4.3	3	The target performance has been achieved	4.5	
KPI-PG-15	Percentage of publications of faculty members	100%	100%	100%	95%	90%	Program must encourage the faculty to publish their research articles	100%	
KPI-PG-16	Rate of published research per faculty member	1:4	1:3	1:4	1.4	1:3	The target has been achieved	1:5	
KPI-PG-17	Citations rate in refereed journals per faculty member	45	26	38	18	13	The target has been achieved	35	
KPI-PG-18	Percentage of students' publication	10%	0%	10%	25%	6%	The program must plan to improve the student publication	25%	
KPI-PG-19	Number of patents, innovative products, and awards of excellence	1	0	1	2	1	The program must plan to	2	

							improve the patents & awards	
<b>Comments on the Program KPIs and Benchmarks Results:</b> The program has been benchmarked with Prince Sattam bin Abdulaziz University, AlKharj.								

## 6. Analysis of Program Evaluation

(including strengths, Areas for Improvement:, and priorities for improvement)

<b>Strengths :</b>
<ol style="list-style-type: none"> <li>1. The program has achieved most KPIs' target benchmarks.</li> <li>2. The key performance indicators used to assess services provided, and learning resources were satisfactorily achieved</li> <li>3. The number of faculty member's research publication has increased when compared to last year</li> </ol>
<b>Areas for Improvement:</b>
<ol style="list-style-type: none"> <li>1. The program must act appropriately to improve the student publication</li> <li>2. The program must respond appropriately to improve the number of patents</li> <li>3. The program must respond appropriately to improve the number of Scientific innovations</li> <li>4. The program must encourage the faculty members to participate in the excellence awards</li> </ol>
<b>Priorities for Improvement:</b>
<ol style="list-style-type: none"> <li>1. The students must be motivated to publish their theses in a high ranked journal</li> <li>2. The program must prepare an action plan to improve the patents</li> </ol>

## G. Difficulties and Challenges Faced Program Management

Difficulties and Challenges	Implications on the Program	Actions Taken
Publication of the thesis in the high ranked journal	Affect the statistics of the program performance	The students were oriented about research methodology.
Ethical approval process received by the Ministry of Health takes longer time.	Time consumption would have affected to processed with the chosen thesis.	The students were oriented about the measures of the
Shortage in number of students that limit the ability to open all tracks in the program.	Limited tracks might have forced the students to choose a unfavorable track.	Oration program about the feasibility of the program.

\*Internal and external difficulties and challenges

## H. Program Improvement Plan

No.	Priorities for Improvement	Actions	Action Responsibility	Date		Achievement Indicators	Target Benchmark
				Start	End		
1	Increase in the proportion of case based learning	Provision of more clinical training facilities should be incorporated by more collaborations with hospitals, rehabilitation	Academic affair committee and Clinical training committee	15/1/2022	15/07/2023	Employer Satisfaction above 80%  10% improvement in the average GPA of the students	70%

		centers and sports clubs					
2	Moving active process towards learning	Reduction in didactic lectures, preparing problem based learning sessions, facilitating students case presentations and seminars thereby enhancing students participation	Faculty members and academic affair committee	15/01/2022	15/07/2023	Increase GPA by 10% Increase in Student satisfaction	70%
3	Arranging specific faculty development programs (FDP) for skill development in active learning	Orientating faculty members about the development in teaching and learning with more advanced modern methods in active learning, clinical based learning, research mentoring	Training Committee	15/01/2022	15/07/2023	Improvement in Student satisfaction	70%
4	Procurement of further required instruments, equipment, and consumables for the designed specialty labs.	Frequent invitations should be sent to the faculty for the proposals of further required instruments, equipment, and consumables.	Dept. Lab Committee	1/09/2021	1/05//2023	Above 75% agreement on Student Experience Survey	80%
5	Frequent orientation programs on specialized labs should be conducted for the new students for their better acquaintance & enrichment of their	Request to be sent to the head of the program	Dept. Lab Committee	1/09/2021	1/05//2022	Above 75% agreement on Scientific Supervision and Research Facilities Evaluation Survey (87%)	90%

	research proposals/projects.					Report_1441-42H	
6	Formation of various research groups based on expertise and area of interest.	Orienting the faculty members about various potential research groups.	Research committee	1/9/2022	1/5/2023	Above 80% of the faculty members take part in research groups.	80%
7	Collaboration with researchers at national and international levels.	Orienting faculty members about developing network with other national and international researchers using social platforms like research gate.	Research committee	1/9/2022	1/5/2023	Above 80% of the faculty members take part in research collaborations.	80%
8	Publish the research findings in the top-ranking journals.	Motivate the faculty members to Publish the research findings in the top-ranking journals.	Research committee	1/9/2022	1/5/2023	Above 80% of the faculty members publish their research findings in top ranking journals.	80%
9	Advanced labs if any proposed by the faculty	Program Coordinator	A proposal to be sent to the HOD	1/9/2022	1/5/2023	Above 80% agreement on Student Experience Survey	90%
10	Separate space for female religious observances to be allocated.	Program Coordinator	A proposal to be sent to the HOD	1/9/2022	1/5/2023	Above 75% agreement on Student Experience Survey	90%
11	Effective maintenance of designed specialty labs by the lab members and lab technicians.	Inventory Equipment forms have been implemented along with the Inventory consumable forms for the	Dept. Lab Committee	1/9/2022	1/5/2023	Above 75% agreement on Student Experience Survey (82%)	90%



		effective maintenance					
12	To increase the proportion of professors and Associate professors.	To promote the existing faculty and recruit new faculty to maintain the proportion	HOD	1/9/2022	1/5/2023	20% Percentage of faculty members' distribution based on academic ranking-KPI-11	25%
13	Preparations for NCAAA audit	Organizing repeated meetings involving all faculty members to be the part of the preparations for NCAAA audit	Quality Assurance committee	1/9/2022	1/5/2023	Above 75% agreement on Program Evaluation Survey	75%
14	Review of Program self-study reports	Formation of committees for each standards and practice peer review of other standards	Quality Assurance committee	1/9/2022	1/5/2023	Above 75% agreement on Program Evaluation Survey	75%
15	Collection of evidences for the Standards in Self-evaluation scales	Formation of committees to upload the required evidences and hyperlink	Quality Assurance committee	1/9/2022	1/5/2023	Above 75% agreement on Program Evaluation Survey	75%
16	Internal audit of quality documents.	Physical verification of all documents and sharing the comments for improvement	Quality Assurance committee	1/9/2022	1/5/2023	Above 75% agreement on Program Evaluation Survey	75%

### I. Report Approving Authority

<b>Council / Committee</b>	<b>Department Council</b>
<b>Reference No.</b>	<b>Minutes No: 32</b>
<b>Date</b>	<b>14.11.1443 H</b>

### J. Attachments :

- A separate cohort analysis report for male and female sections and for each branch (if any)

- **A report on the program learning outcomes assessment results for male and female sections and for each branch (if any)**
- **A research production statement of the faculty and students in the program including basic data such as (researcher's name, research title, publishing entity, publishing date, etc.)**
- **A report on the students evaluation of program quality**
- **Independent reviewer's report and other survey reports (if any)**

