

## تقرير عن أداء البرنامج للعام ١٤٤٢-١٤٤٣ هـ

### Report on the Performance of “ Master of Musculoskeletal Physical Therapy” Program in the academic year 1442-1443 AH

## Program Performance Report (Year 1442-1443 AH) Master of Musculoskeletal Physical Therapy

### A) Program Statistics

#### 1. Students Statistics (in the year 1442-1443 AH)

No.	Item	Results
1	Number of students enrolled at all levels of the program	24 (male) 14 (female) 38 (Total)
2	Number of students who started the program	24 (male) 14 (female) 38 (Total)
3	Number of students who graduated	NA
4	Number of students who completed major tracks within the program (if applicable)	
	a.	NA
	b.	NA
	c.	NA
5	Number of students who completed an intermediate award specified as an early exit point (if any)	NA

### B. Program Learning Outcomes Assessment

PLO Domain	PLOs	Assessment result
K1	Recognize the biomechanical principles, neural control and pathological aspects of human movement and functions.	84%
K2	Identify clinical reasoning approaches in the selection, justification and review of appropriate treatment of orthopaedic disorders.	86%
K3	Recognize the role of biostatistics and research methodology in the improvement of the orthopaedic physical therapy.	79%
S1	Apply practical and theoretical knowledge in dealing with a wide variety of musculoskeletal disorders.	82%
S2	Evaluate professionally the different clinical cases commonly related to the musculoskeletal disorders.	86%
S3	Analyze the treatment outcomes in relation to the presented goals to reach a decision about the progress of the patient.	89%
S4	Apply specialized research techniques in the creative analysis of complex issues relevant to the musculoskeletal field.	86%
V1	Participate in finding solutions to musculoskeletal problems within the community through professional and ethical practice	96%
V2	Adopt professional planning for continuous learning and making fundamental decisions in the work environment	91%
V3	Cooperate effectively with research and professional teamwork for profession and community development.	96%

## C. Program Activities

### 1. Student Counseling and Support

Activities that target students' academic advising start from the first day of the year with the main participation from the Academic Advising and Admission & Registration Committees in the department, which assign each student to an academic advisor. Counseling services are provided for all students of all academic levels with regular reports from the advisors. The Student Advisory Council presents students support through regular meetings with the head of the department.

Activities Implemented	Brief Description*
Orientation day Program	All enrolled students were invited to attend program orientation day through text messages that was organized on August 31st, 2021, at the CAMS Auditorium
Students' assignment to academic advisors	All students were assigned to academic advisors from faculty members by the 2nd Counseling Committee meeting on September 2nd, 2021.
Students' assignment to research supervisors	Each student has agreed to be supervised with assigned research supervisor during the 1st semester of academic year 1442-1443 AH.
<b>Comment on Student Counseling and Support**</b>	
<ul style="list-style-type: none"> <li>- Students' evaluation of academic counseling revealed 4.4/5</li> <li>- Students were asked to give their feedback and rate their satisfaction level on the orientation day which revealed a very high value (4.5/5), however, only 3 students have responded (satisfaction report attached).</li> <li>- The assignment of students to academic advisors was documented (attached file)</li> <li>- Research supervisors had the study schedule including the assigned students and the allocated time.</li> </ul>	

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

Many faculty members in the department presented and attended many seminars and workshops, which contributed to the development of the educational process of the department (details included in the attached file). 25 training courses and workshops were attended by staff members in many fields as described below.

Activities Implemented	Number of participants		Brief Description*
	Faculty	Supporting Staff	
25 events were attended by faculty members, including webinars, workshops, and courses	5	--	Professional development activities included various events related to academic, professional, quality assurance, scientific research, and statistics fields. Attendance certificates are attached in a separate file below.
<b>Comment on Professional Development Activities for Faculty and Other Supporting Staff**</b>			
<ul style="list-style-type: none"> <li>- Most of the faculty shared in professional development activities throughout the year 1442-1443 AH.</li> </ul>			

Activities Implemented	Number of participants		Brief Description *
	Faculty	Supporting Staff	
- Activities covered various fields of development, professional, academic, counseling, quality assurance, research, and others.			

[- Development activities attendance certificates link](#)

### 3. Research and Innovation

Scientific Production Source (Research Group/Research Chair/Individual Research/Research Project, etc.)	Number of Participants		Classification of Scientific Production (Research ,worksheets ,books , inventions, etc.)	Production Status (Published, accepted for publication, patented, etc.)
	Students	Teaching Staff		
Preparation of 37 research projects with assigning students to scientific supervisors, with discussion of the proposals presented by the students before acquiring the ethical approval from Taif University or other health care entities such as governmental hospitals.	37 (24 male and 13 female)	7	Research proposals	Under process
<b>Total</b>	37	7	--	--

### 5. Analysis of Program Activities

<b>Strengths:</b>
<ul style="list-style-type: none"> <li>- Very high students' evaluation of academic counseling (4.4/5)</li> <li>- High students' satisfaction rate about orientation program.</li> <li>- Early assignment of students to academic supervisors for research idea selection.</li> <li>- Numerous and various professional development activities.</li> </ul>
<b>Areas for Improvement:</b>
<ul style="list-style-type: none"> <li>- Students' participation in surveying their satisfaction, e.g., about the orientation day activities.</li> </ul>
<b>Priorities for Improvement:</b>
<ul style="list-style-type: none"> <li>- Encouraging students to effectively participate in satisfaction surveys and questionnaires.</li> </ul>

## 2. Students Evaluation of Scientific Supervision

Evaluation Date: 2nd semester 1442	Number of Participants: 13
Students Feedback	Program Response
<b>Strengths:</b> <ul style="list-style-type: none"> <li>Very high satisfaction rate (4.5/5)</li> <li>Supervisors were cooperative and supportive.</li> <li>Easy and effective communication with supervisors.</li> <li>Monitoring students continuously and providing valuable comments.</li> </ul>	Continue to support and assist students.
<b>Areas for Improvement:</b> <ul style="list-style-type: none"> <li>Need for Help with statistical analysis.</li> </ul>	Planning to support students in statistical issues.
<b>Suggestions for improvement:</b> <ul style="list-style-type: none"> <li>Directing instructors to add more applications on statistical analysis in the “Advanced biostatistics” course.</li> </ul>	Arrange with course coordinator.

## 3. Students Evaluation of Program Quality

Evaluation Date: 2nd semester 1442	Number of Participants: 13
Students Feedback	Program Response
<b>Strengths:</b> <ul style="list-style-type: none"> <li>Very high satisfaction rate (4.3/5)</li> <li>Every information developed on evidence.</li> <li>The recent update of physiotherapy approaches</li> <li>It focuses on clinical and research fields.</li> <li>Providing well-structured curriculum</li> </ul>	Continue to support and assist students.
<b>Areas for Improvement:</b> <ul style="list-style-type: none"> <li>The practical part of courses</li> </ul>	Discuss the issue with the advisory councils, and study plan and programs committee.
<b>Suggestions for improvement:</b> <ul style="list-style-type: none"> <li>The practical part of courses needs more time.</li> </ul>	

#### 4. 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)

No	KPI	Target Benchmark	Actual Value	Internal Benchmark	Analysis	New Target Benchmark
1	Percentage of achieved indicators of the program operational plan objectives	75%	NA	NA	The measurement of the operational plan KPIs of the program is under processing	75%
2	Students' Evaluation of quality of learning experience in the program	4	4.1	NA	The KPI has achieved the target, which indicates the high quality of the learning experience in the program	4.5
3	Students' evaluation of the quality of the courses	4	4.1	NA	The KPI has achieved the target, which indicates a very high quality of the courses in the program	4.5
4	Students' evaluation of the quality of scientific supervision	4	4.5	NA	The KPI has achieved the target, which indicates a very high quality of the scientific supervision	4.7
5	Average time for students' graduation	2 years	NA	NA	This is the 1 <sup>st</sup> year of the 1 <sup>st</sup> batch	2 years
6	Rate of students dropping out of the program	0%	2.6%	NA	One female student did not complete the 2 <sup>nd</sup> term due to personal issues.	0%
7	Graduates' employability	80%	NA	NA	This is the 1 <sup>st</sup> year of the 1 <sup>st</sup> batch.	85%
8	Employers' evaluation of the program graduates' competency	4	NA	NA	Students were not graduated yet.	4
9	Students' satisfaction with the provided services	4	3.7	NA	KPI did not achieve the target level, possibly due to the time of the condensed classes which were scheduled in the afternoon and the evening.	4

10	Ratio of students to faculty members	2:1	1.8:1	NA	A good ratio of students to faculty members that offers an excellent learning environment.	1:1
11	Percentage of faculty members' distribution based on academic ranking	20% prof., 30% associate prof., 50% assistant prof.	25% prof., 10% Associate prof., 65% Assistant prof.	NA	KPI indicates good distribution of faculty members.	20% prof., 30% associate prof., 50% assistant prof.
12	Proportion of faculty members leaving the program	0%	0%	NA	KPI achieved the target level, indicating attractive environment.	0%
13	Satisfaction of beneficiaries with learning resources	4	4	NA	KPI achieved the target, reflecting a high level of satisfaction	4.3
14	Satisfaction of beneficiaries with research facilities and equipment	4	4.4	NA	KPI achieved the target with a very high level of satisfaction with laboratory facilities	4.7
15	Percentage of publications of faculty members	70%	64%	NA	KPI did not achieve the target and it will be included in improvement plan	70%
16	Rate of published research per faculty member	3:1	2.3:1	NA	KPI did not achieve the target and it will be included in improvement plan	3:1
17	Citations rate in refereed journals per faculty member	4:1	8:1	NA	KPI exceeded the target level, indicating the high quality of the published research	10:1
18	Percentage of students' publication	50%	NA	NA	This is the 1 <sup>st</sup> year of the 1 <sup>st</sup> batch.	50%
19	Number of patents, innovative products, and awards of excellence	1	0	NA	The program should encourage and support students to do their best.	1

**Comments on the Program KPIs and Benchmarks Results:**

- Most of the KPIs achieved a high actual level, especially those related to the educational process (i.e., KPI-PG-2,3, and 4, and 10), and KPI-PG-12,13,14, and 17.
- Some KPIs are not applicable due to the nature of this 1st batch of students (i.e., KPI-PG-5,7,8, and 18).
- Some KPIs did not achieve the target and will be included in an improvement plan (KPI-PG-15,16, and 19)
- There is no internal benchmark as this is the first academic year of the program.

## 5. Analysis of Program Evaluation

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

### Strengths:

- All courses were evaluated by students (average: 4.1/5), and peer evaluation.
- A very high satisfaction rate (4.5/5) of students' evaluation of scientific supervision (4.5/5).
- A very high satisfaction rate (4.3/5) of students' evaluation of program quality (4.3/5).
- Eight KPIs achieved the target level.

### Areas for Improvement:

- Need to involve other evaluators of the scientific supervision.
- Need to involve other evaluators of the program.
- Some KPIs need to be improved (3 KPIs)
- Non applicable KPIs during this year will be measured next year.

### Priorities for Improvement:

- Some KPIs need to be improved (KPI-PG-15,16, and 19).
- Non applicable KPIs during this year will be measured next year.