

KINGDOM OF SAUDI ARABIA
Ministry of Higher Education
University of Tabuk
Faculty of Applied Medical
Sciences



المملكة العربية السعودية
وزارة التعليم العالي
جامعة تبوك
كلية العلوم الطبية التطبيقية



**FACULTY OF APPLIED
MEDICAL SCIENCES**

Health Rehabilitation Sciences Field Experience (HRSFE) Manual



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PREFACE

Internship is an integral part of the health rehabilitation science program to offer an opportunity to the interns to practice their classroom learning in real life scenario. According to the policy of department of Health Rehabilitation Science, Faculty of Applied Medical Sciences, University of Tabuk, each student should spend a specified period in various specializations in practice site to gain clinical experience in their clerkship. The health rehabilitation science field experience (HRSFE) year is made up of twelve months "6-months rotations/hospital"; in hospital practice site under the guidance of experienced physical therapists. The rotations comprise mandatory (core) rotations (orthopedic and sports injuries, neurology, pediatrics, burn, women's health, cardiopulmonary, geriatrics, ICU and surgical cases (neurosurgery, cardiac surgery and orthopedic surgery) in community/hospital with physical therapy department.

The student is under the direction of various departments and field supervisors that integrate their knowledge of physical therapy tools, measuring instruments, patient's assessment criteria and therapeutic modalities including therapeutic exercise programs for different physical disabilities. They will also learn to prepare a comprehensive treatment plan and follow-up. Interns also gain an understanding of the roles and functions of physical therapists.

This internship booklet is prepared with the intention to provide orientation to interns about various tasks to be performed and/or observed in different training stages during one year internship. The beginning of the booklet entails the description of clerkship training program and learning outcomes of the program. Following this, particulars of clerkship rotations and their specific learning objectives with required topics are covered.

The main content of this booklet is a detailed view about students weekly training activities. They need to do tasks list in each discipline during their training at each stage. It is essential to evaluate intern's professional behavior and technical competencies that are expected to achieve on completion of his/her internship.

DEFINITION OF THE HRSFE PROGRAM

The HRSFE year is the last part of the program for the health rehabilitation sciences program in Faculty of Applied Medical Sciences, University of Tabuk. HRSFE is an organized, directed program in a defined area of physical therapy practice, which is to be carried out under the supervision of a well-trained clinical supervisor who have expertise knowledge in physical therapy and clinical skills for better patient care. HRSFE is twelve months of clinical training after students' complete graduation requirements. This period is considered an important part of the study of the health rehabilitation sciences program and the student is not considered qualified to practice the profession of physical therapy until the completion of this period successfully. It aims at providing students with a practical and stimulating learning experience where they are given an opportunity to participate in ward rounds along with the health care team and provide a wide variety of clinical services.

CRITERIA FOR JOINING HRSFE ROTATION

Successful completion of all the university requirements after the end of the fourth year of the department of Health Rehabilitation Sciences, Faculty of Applied Medical Sciences, University of Tabuk with a GPA of 2 and above.

REGISTRATION PROCEDURES FOR INTERNSHIP YEAR

1. During the middle of the semester, the internship coordinator confines the number of male and female students expected to graduate and submit their data to the college agency.
2. The department's internship coordinator opens a file for each student.
3. The student fills out the electronic form to enroll in the internship year and displays three choices to the training sites and attach all documents to complete the registration as follows:
 - i. A copy of the academic record
 - ii. A copy of the national ID
 - iii. A copy of the International Account Number (IBAN) certificate for the student's account.
 - iv. A certificate of completion of Basic Life Support (BLS) course.
4. The Vice Dean for Clinical Training addresses the authorities according to the sequence of requests and vacant seats (the differentiation is made according to the students' cumulative GPA).
5. All correspondence is kept with the department's internship year coordinator and a copy is kept in the student's file.
6. When the final results are issued, the college's deanship for clinical training committees in cooperation with the department's clinical training unit ensures that all those expected interns to enroll in the internship year have completed the graduation requirements.
7. If the expected graduate fails and does not complete all graduation requirements, the training

authorities will be contacted.

8. In case the expected intern fails to complete the required criterion then he/she will be excused

from training through the college's Vice Dean for Clinical Training.

The internship year trainees are required to attend the introductory meeting about the internship year workshop and receive the internship manual guide and the intern evaluation forms.

9. The intern must follow up on sending directly the starting letter to the Vice Dean for clinical training in FAMS.
10. After the Vice Dean for clinical training in FAMS receives the letter, it submits the necessary documents for disbursement of internship rewards for the interns.

OVERALL HRSEE LEARNING OUTCOMES

By the end of each rotation student should be able to: (all are summarized in table1)

Knowledge and Understanding:

- 1.1. Explain the appropriate Physical Therapy management in a variety of medical conditions in different disciplines
- 1.2. Identify the importance of interdisciplinary areas that support physical therapy practice.

Skills:

- 2.1. Design appropriate Physical Therapy program according to different conditions and based on examination findings
- 2.2. Demonstrate ability to think scientifically and critically in the field of physical therapy.
- 2.3. Utilize evidence-based practice in physical therapy management.
- 2.4. Apply physical therapy management that prioritizes safety, efficiency, effectiveness and cultural sensitivity.
- 2.5. Demonstrate proficient skills in leadership and communication pertaining to the field of physical therapy.

Values:

- 3.1. Exhibit proper ethical attitudes and values in a variety of physical therapy clinical settings.
- 3.2. Demonstrate independence, and collaborative teamwork through serving a healthcare organization and the community.

Table 1: Alignment of Learning Outcomes with Training Activities and Assessment Methods

Code	Learning Outcomes	Training Methods/Activities	Assessment Methods
1.0	Knowledge and Understanding		
1.1	Explain the appropriate Physical Therapy management in a variety of medical conditions in different disciplines	<ul style="list-style-type: none"> • Clinical rounds • Lectures • Discussion 	Rubrics/checklist
1.2	Identify the importance of interdisciplinary areas that support physical therapy practice.	<ul style="list-style-type: none"> • Documentation-SOAP format • Case Study • Presentation 	Rubrics/checklist
2.0	Skills		
2.1	Design appropriate Physical Therapy program according to different conditions and based on examination findings.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist
2.2	Demonstrate ability to think scientifically and critically in the field of physical therapy.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist
2.3	Utilize evidence-based practice in physical therapy management.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small 	Rubrics/checklist

Code	Learning Outcomes	Training Methods/Activities	Assessment Methods
		<ul style="list-style-type: none"> group work • Case Study • Presentation 	
2.4	Apply physical therapy management that prioritizes safety, efficiency, effectiveness and cultural sensitivity.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist
2.5	Demonstrate proficient skills in leadership and communication pertaining to the field of physical therapy.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist
3.0	Values		
3.1	Exhibit proper ethical attitudes and values in a variety of physical therapy clinical settings.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist
3.2	Demonstrate independence, and collaborative teamwork through serving a healthcare organization and the community.	<ul style="list-style-type: none"> • Clinical rounds • Discussion • Demonstrations • Individual/small group work • Case Study • Presentation 	Rubrics/checklist

Rules and Responsibilities

RULES AND RESPONSIBILITIES

GENERAL RULES OF CONDUCT

1. Student must exhibit a professional appearance in both manner and dress according to Saudi culture and the standards of dress and behavior specified by the practice site to which he/she is assigned.
2. Before the start of HRSFE rotations, the student has to provide immunization records and BLS certificate (CPR).
3. Student is obligated to respect all professional policies and personnel. He/she should respect and comply with all institutional policies, rules, and regulations.
4. The student must keep in mind that learning is not passive process but requires active participation & communication.
5. The student should encourage communication with all health care provider team and required to perform interprofessional experience activities (IPE) during the rotation.
6. The student must keep in mind that all criticism from field clinical supervisor should be viewed as a means of learning.
7. The student **should NOT** make professional decisions that affect patient care without checking with the field clinical supervisor.
8. The student should take the initiative in communicating with physicians, patients, students and other people encountered during the rotation.
9. The student should be punctual in meeting the schedule. The student is obligated to notify the field clinical supervisor as soon as possible if he/she will be absent or late. **Attendance is mandatory. (absence request form)**
10. The student should never be hesitant to admit that he/she does not know something, and should seek help whenever needed.
11. The student is expected to demonstrate maturity.
12. The student must adhere to his allotted distribution place within the training area and roaming to other places of practice site unnecessarily is strictly restricted and in that case it will be considered as complete day absent and a warning letter will be issued in his file.



INTERNSHIP DURATION

The training period for the internship is a one calendar year. It is offered in the 5th academic year of the program and begins two weeks after the completion of the final examination of the 4th academic year. It is allowed within the Kingdom of Saudi Arabia.

INTERNSHIP DISCIPLINES

During the internship period, each intern takes training in physical therapy of different physical disabilities, e.g. orthopedics, neurology, pediatrics, sports injuries, geriatrics, intensive care unit (ICU), burn, cardiopulmonary, surgery and women's health. The schedule of training for each discipline is given in table 1. The objectives for each discipline/area are listed later.

INTERNSHIP ROTATIONS

The internship in Physical Therapy is divided into two training rotations; each rotation of 6 months in two

different hospitals. The intern can be trained at one place, if all training areas are available in the same hospital after the approval of both, Vice Dean for Hospital Affairs as well as the person in-charge in the intended hospital. Interns are not allowed to change their training sites without prior permission from the program internship coordinator, clinical training committee and Vice Dean for Hospital Affairs. The major training areas that each intern must undertake include the following: (Table2)

- Physical Therapy for orthopedic and sports injuries conditions (12 weeks/3 months).
- Physical Therapy for neurological and pediatric conditions (16 weeks/4 months).
- Physical Therapy for women's health, burn, cardiopulmonary and geriatric areas (16 weeks/4 months).
- Physical Therapy in ICU, neurosurgery, cardiac surgery and orthopedic surgery. (4 weeks/1 month).

Table 2: Summary of internship rotations and durations

Internship Discipline	Number of weeks	Number of months
Orthopedic	8	2
Neurology	8	2
Pediatrics	8	2
Sports injuries	4	1
Cardiopulmonary	4	1
Geriatrics	4	1
Burns	4	1
Women's Health	4	1
ICU	1	¼
Cardiac surgery, neurosurgery and orthopedic surgery)	3 / each	¼ /each
Total	48 weeks	12 months

INTERN'S RESPONSIBILITY

Each intern should have the HRSFE manual book. He/she must go through it thoroughly. Internship policy and general regulations are included within the booklet, including vacations that all interns have to follow.

During the internship period, interns have to demonstrate the following responsibilities:

1. All interns should produce the required vaccination document.
2. All interns should provide Basic Life Support (BLS) certification at the beginning of the internship.
3. Perform training in accordance with the physical therapy policies and procedures at each discipline.
4. All interns should comply with the dress code specified by the training site.
5. Interns usually spend at least 8 hours/daily, 5 days/week or follow the working hours of clinical site where he/she is being trained.
6. Interns must refrain from unsafe and unprofessional conduct.
7. Show professional behavior as physical therapy professionals.
8. Perform assigned work with responsibility.
9. Adhere with hospital rules and regulations.
10. Attempt to establish good working relationships with all personnel with whom they come in contact during the internship rotation.

INTERNSHIP SUPERVISION AND MONITORING

The supervision of the interns is done at two levels; one by the clinical field supervisor and the other by the program internship coordinator designated by the Clinical Training Unit for this purpose and reports to the Vice Dean for Clinical Training. During training at the hospital, the intern is supervised on daily basis by the clinical field supervisor for a particular rotation.

Responsibilities of the Clinical Field Supervisor

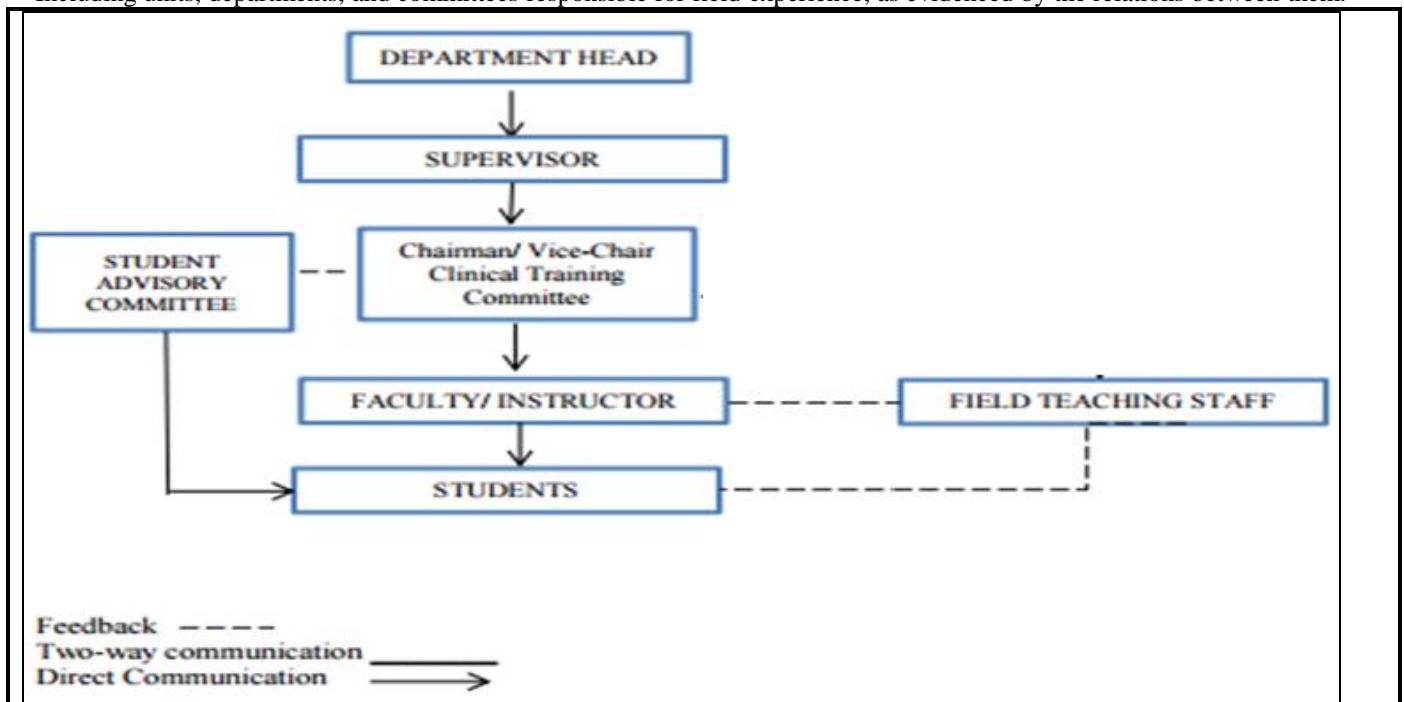
1. At the beginning of the rotation, communicates with students about expectations of internship and standards of evaluation.
2. Orients the students about the laws and regulations of the practice site and discipline and ethics of the professional practice.
3. Delegate to students, his/her defined duties, with appropriate supervision and direction, but **never** use students as substitution for regular staff.
4. Familiarize precisely with the internship manual's contents, rules and instructions about rotations and student evaluations.
5. Encourages the students to read, search, and communicate with others in all practice site aspects

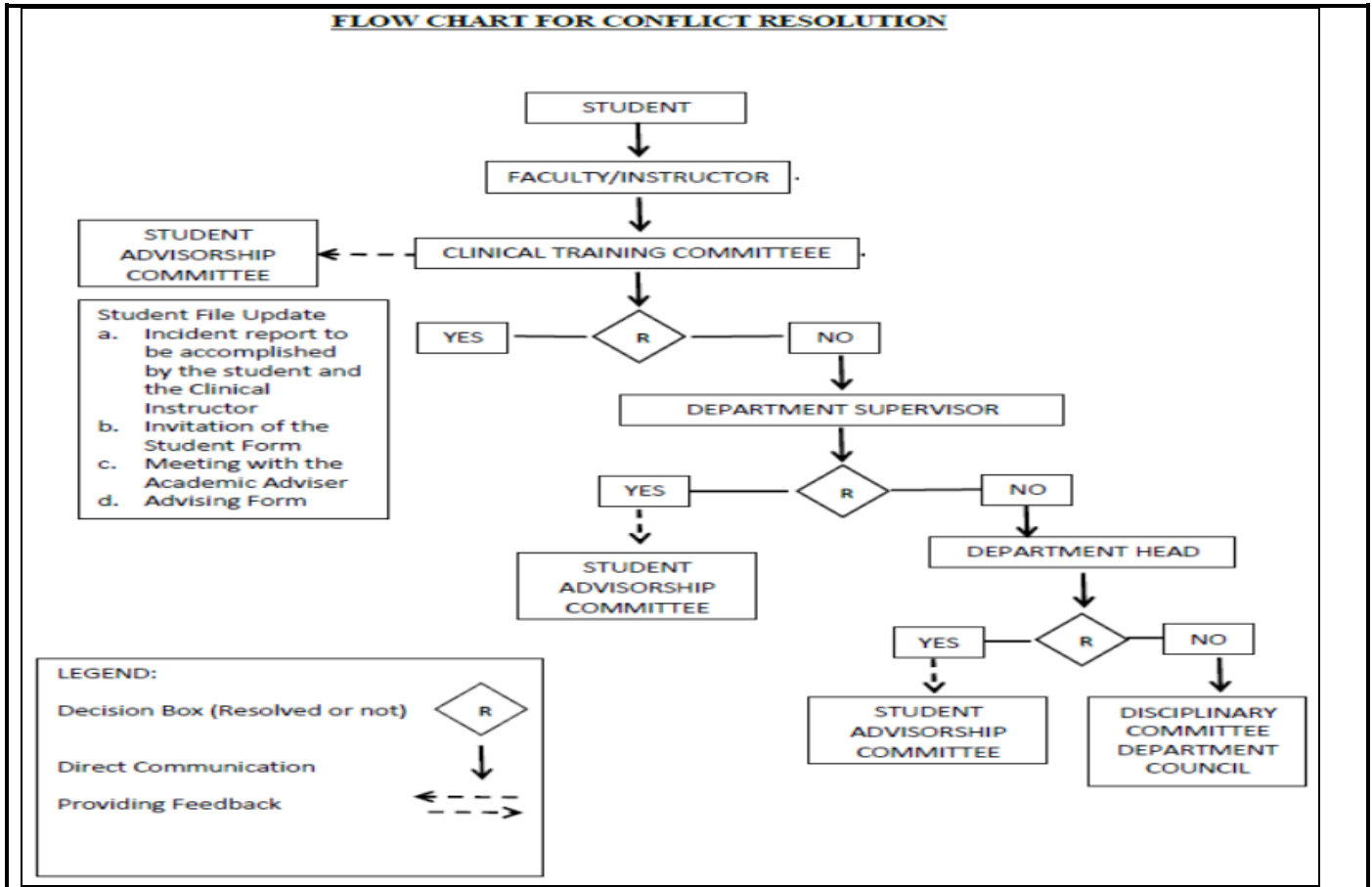
and clinical training.

6. Maintains proper attendance of students to make it sure that students observe punctuality of time (daily attendance, medical team rounds, and any other clinical activities).
7. Determines the student's competency based on his/her daily log profile and through a frequent discussion with students and help their concerns.
8. Respects confidentiality of student's internship information.
9. Be available at reasonable times for teaching and evaluation of the students.
10. Communicate with the rotation supervisor or internship supervisor directly or through the coordinators for the progress of student's HRSFE or any circumstances.

Field Experience Communication Flowchart

Including units, departments, and committees responsible for field experience, as evidenced by the relations between them.





Responsibilities of the Clinical Training Committee

1. Coordination with hospitals and accredited centers to train the department's students and internship students.
2. Develop plans and guides for clinical training and the internship year.
3. Follow up on the performance of training students and internship students, facilitate procedures, and solve problems related to training.
4. Preparing and developing a model for the certificate of completion of the internship year.
5. Evaluating students and receiving performance reports from hospitals and training centers.
6. Submitting performance reports to the department head at the end of each semester.

INTERN'S EVALUATION

Professional behavior and technical performance are evaluated using an evaluation form designed to reflect the interns' competencies that are expected to achieve on completion of their physical therapy internship. The forms are approved by the Vice Dean for Clinical Training in FAMS.

The clinical training coordinator makes periodic visits (weekly-monthly) to follow-up the training process and conducts interviews with the field clinical supervisor and the interns then submits periodic reports on the status of the male and female interns.

INTERNSHIP GRADING

1. The intern successfully passes the internship year after achieving 60% in all periodic rotational fields (Table 3).
2. If the intern obtains less than 60% in any of the periodic rotations, then must repeat that rotation.
3. If the intern achieves an overall score of less than 60%, then must repeat the entire internship year according to the decision of the college council.
4. The intern's evaluation must be sent to the internship coordinator after the end of each rotation (6months).
5. The evaluation should be in a sealed envelope stamped by the hospital's seal or send directly to a private email of the college's Clinical Training Unit. (ct.fams@ut.edu.sa)

Table 3: University Grading System

The Percentage Obtained	Grade	Letter Grade
95 to 100	Exceptional	A*
90 to 94	Excellent	A
85 to 89	Superior	B ⁺
80 to 84	Very good	B
75 to 79	Above Average	C ⁺
70 to 74	Good	C
65 to 69	High Pass	D ⁺
60 to 64	Pass	D
Less than 60	Fail	F

ATTENDANCE POLICY

- Complete attendance is mandatory for all students for every rotation.
- Students are expected to be present at the assigned practice site at least **5 days per week (8 hours per day)** from 8 a.m. to 5 p.m. during each rotation or as per rotation schedule. (Any 8 hours per day the hospital administrative will determine to interns at the beginning of each rotation with the filed clinical supervisor agreement).
- The intern has the right to enjoy official vacations for state employees in the Kingdom of Saudi Arabia or according to the country where the intern is trained.
- The intern has the right of obtaining 14 days of regular leave (2 weeks) after spending three months in the internship training and after coordination with the field supervisor and the

internship coordinator.

- The intern is entitled to an emergency leave during the 12 months of the internship year, but cannot exceed 7 days and it is not permissible to combine more than two consecutive days.
- The emergency leave should be submitted immediately after returning to the hospital, otherwise it will not be approved.
- The absence leave forms are approved by the Vice Dean for Clinical Training in FAMS or his representative.
- The student may miss up to three (3) days per rotation for medical or personal reasons only if the clinical supervisor is notified in a timely manner with submitting formal absence excuse.
- Failure to complete required makeup days, unapproved absences, or sick days in excess of 3 days will result in an F grade or incomplete grade.
- If the intern is admitted to the hospital for treatment, then he/she should submit the leave form attached to supporting documents that show the duration of hospital stay and the period of requested leave after the discharge from the hospital to the Vice Dean of Clinical Training in FAMS to be kept in the intern's file.
- The student will be required to make up for the sick leave period at the end of the HRSFE period.
- The maternity leave for the internship student is for two weeks only (fourteen days) from the date of birth and it is considered a sick leave that must be compensated by the intern.
- All student rotation schedules are coordinated through the Clinical Training Committee.
- **Any student who makes an unauthorized change in their rotation without the approval of the Clinical Training Unit will fail the rotation.**
- Schedules of student rotations may only be modified at the discretion of the Clinical Training Committee.
- Students are encouraged to participate in practice site-sponsored events like conferences and seminars, which may be scheduled during rotation hours. In order to receive excused absence to attend any of these events, each student attending the event must individually submit a request, in writing to the Clinical Training Committee at least two weeks prior to the event. Students may be required to make up these hours.
- In the case of repeated delay of the student in the presence of accredited time or departure before accredited departure time, a verbal alert is first delivered and in case of non-response, calculated hours of delay or early departure and **five (5) marks are deducted for every seven hours** and reported in the student file as a weak point.
- The College Council based on the recommendation from the Vice Dean of Clinical Training in FAMS is entitled to cancel the training for the internship student if he/she is absent for more than 14 days without a convincing justification and is considered as interrupted from HRSFE.
- The Clinical Training Committee regulates the continuous follow-up of HRSFE year students.



The committee has the authority to appropriate for any student

take any decision that it deems

does not abide by the regulations and controls.

- **The permit shall not exceed three hours per week (the authorization shall be approved by the supervisor of training in the practice site and recorded in the attendance paper).**

HOLIDAYS/LEAVE

Holiday	Emergency leave	Educational leave	National Day	Eid AIFitr	Eid Aladha
Number of days	7	5	1	12	12

POSTPONING INTERNSHIP YEAR

- The intern may postpone the commencement of the HRSFE year within a limited period of time.
- The intern should submit an acceptable justification for postponing HRSFE year to the department council and the Vice Dean of Clinical Training in FAMS before the commencement of the HRSFE for a period not exceeding three months.
- The intern is not paid the monthly stipend during the postponement period.
- The intern is committed to finding a new admission if his training was rejected in the institution to which he/she was previously accepted.
- If the excuses and justifications provided by the intern for postponement are not accepted, then the intern is required to resume HRSFE year. The intern is considered discontinued if the commencement is not completed within a week of being informed by the decision. Also, the intern is obliged to find a new admission institution if his/her training was rejected by the institution to which he/she was previously accepted.

INTERN INTERRUPTION

- If the intern stops training, he/she is required to provide excuses and justifications for the reasons for the interruption and submit it to the Clinical Training Unit of the department for consideration. If the excuses are accepted, the student is obligated to compensate the interruption period after the HRSFE year, and his/her monthly stipend is stopped during the interruption period.
- If the intern is absent during the HRSFE year for a period of more than six months, then he/she is required to pass a test set by the HRS department in addition to re-studying some of specialized courses. This is necessary before re-commencing training, and his/her monthly stipend is stopped during the absence period.
- The intern is obligated to find a new admission if his/her resumption of clinical training in the same



current institution is rejected.

- The disbursement of the monthly stipend will resume when the student resumes his/her studies after the interruption, through a letter directed from the Clinical Training Committee.
- The college Council based on the recommendation from the Vice Dean of Clinical has the privilege to cancel the interns training if the intern interrupts without reasons or justifications and take the necessary actions.



Internship Guidelines for Physical Therapy Disciplines

1. Orthopedics rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of orthopedic conditions during the internship period.

Objectives:

1. To demonstrate skills in physical therapy evaluation procedures for any type of orthopedic conditions.
2. To analyze and interpret the results of evaluation to record problems in order of priority.
3. To identify the etiology, pathophysiology and the clinical manifestations of common orthopedic, rheumatic, traumatic and surgical conditions that arise in orthopedics.
4. To demonstrate skills in the management of orthopedic patients, and the way to design suitable care program for orthopedic conditions.

2. Sports injuries rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of sports injuries during the internship period.

Objectives:

1. To describe and demonstrate skills in physical therapy evaluation procedures for different types of sports injuries.
2. To analyze and interpret the results of evaluation to record problems in order of priority.
3. To decide and create different treatment programs for the same sports injury problems.
4. To judge and apply suitable methods of rehabilitation for sports injuries according to individual variations.
5. To demonstrate skills in the management of sports injuries, and to design suitable care program for orthopedic conditions.

3. Neurology rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of functional activities occurred in the patients due to neurological disorders during the internship period.

Objectives:

1. To describe and demonstrate skills in physical therapy evaluation procedures for any types of neurological conditions.
2. To analyze and interpret the results of evaluation to record problems in order of priority.
3. To identify the etiology, pathophysiology and the clinical manifestations of common neurological and neurosurgical conditions.
4. To demonstrate skills in the management of neurological patients, and approach to design a suitable care program for neurological conditions.

4. Pediatrics rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of pediatric conditions during the internship period.

Objectives:

1. To enable interns to deal with any case referred from the pediatrician.
2. To enable interns to apply basic manual skills necessary for evaluation of different problems in children.
3. To design an optimal treatment plan for patients suffering from any pediatric disabilities.

5. Cardiopulmonary rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of pulmonary and metabolic disorders and its surgeries.

Objectives:

1. To understand and recognize the importance of physical therapy management of pulmonary and metabolic disorders and its surgeries.
2. To analyze and interpret the results of evaluation to record problems in order of priority.

3. To identify the physiological basis, indications and contraindications for the use of different treatment modalities.
4. To choose and apply appropriate physical therapy techniques for patients suffering from pulmonary, cardiac and metabolic disorders for evaluation and treatment.
5. To demonstrate skills in arranging and organizing treatment programs for patients with pulmonary, cardiac and metabolic disorders with different clinical departments.
6. To modify the treatment plan as needed and re-arrange problems solving priorities according to circumstances during treatment.
7. To demonstrate competence in the application of therapeutic modalities in safe and effective manner.

6. Geriatrics rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of common impairments, disabilities and handicaps of geriatric patients during the internship period.

Objectives:

1. To describe and demonstrate skills in physical therapy evaluation procedures for any types of geriatric conditions.
2. To analyze and interpret the results of evaluation to record problems in order of priority.
3. To identify the etiology, pathophysiology and the clinical manifestations of common orthopedic, rheumatic, traumatic, surgical, neurological and cardiovascular conditions that arise in geriatrics.
4. To demonstrate skills in the management of geriatric patients, and ways to design a suitable care program for geriatric conditions.

7. Burn rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of different burn cases and their complications during the internship period.

Objectives:

1. To describe the pathology associated with skin and soft tissue burns.
2. To examine patients with burns considering specific factors related to burn injury, such as burn etiology, burn depth and burn size.
3. To determine the problem with burn patients, in acute stag healing stage and rehabilitative stage.
4. To enable in dealing with different burn complications such as infected wound and delayed wound healing, scars, body deformities and post burn neuropathy.
5. To set goals for each treatment and develop a plan of care.
6. To select interventions for patients with burn injuries, including those directed at wound healing and rehabilitation management.
7. To select appropriate and applicable modalities of treatment, according to individual variations burn cases.
8. To analyze treatment outcomes in relation to the pre-set goals to reach a decision about the progress of the burn case.
9. To modify treatment strategies to gain the best result.

8. Women's Health rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of obstetrics and gynecology patients during the internship period.

Objectives:

1. To describe and demonstrate skills in physical therapy evaluation procedures for any types of obstetrics and gynecological conditions.
2. To analyze and interpret the results of evaluation to record problems in order of priority.
3. To decide and create different treatment programs for the same obstetrics and gynecological problems.
4. To judge and apply suitable methods of rehabilitation for obstetrics and gynecology cases according to individual variations.

5. To demonstrate skills in the management of obstetrics and gynecological patients, and ways to design a suitable care program for these conditions.

9. Intensive Care Unit (ICU) rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation patients in the ICU during the internship period.

Objectives:

1. To list common neurological, musculoskeletal, cardiovascular, chest and metabolic conditions and related surgeries related by physical therapists in the ICU.
2. To discuss and select appropriate evaluation techniques relating to these conditions.
3. To design various treatment modalities in relation to specific disorders.
4. To recognize and play effective role of physical therapy intervention with other ICU team members in the treatment of various related medical and surgical conditions.

10. Surgery rotation:

Goal: interns need to acquire practical skills of physical therapy procedures for rehabilitation of post-operative problems during the internship period.

Objectives:

1. To evaluate and recognize general surgery complications in relation to physical therapy.
2. To assess the nature of actual or potential pos-operative complications in pre- and post-operative situations.
3. To design a proper individualized treatment program and schedule of treatment for surgical cases.
4. To correlate indications and contraindications for different surgical cases.
5. To use effectively physical therapy tools and measuring instruments in accordance with standard guidelines.

6. To use relevant evaluation and training equipment efficiently for surgical cases.
7. To apply appropriate physical therapy procedures as preventive tools and counseling measures for specific surgical cases.
8. To demonstrate ability in choosing and applying therapeutic exercises (resistive and ROM/stretching), soft tissue mobilization, physical agents, and functional mobility training.
9. To provide appropriate intervention for simple gait disorders, including selection of assistive device, gait pattern and assistance.
10. To be able to explain to patients about the clinical decision and most appropriate treatment to be started with the occurrence of the surgeon.
11. To review the response to the treatment every treatment session and to modify therapy if required.
12. To prevent or treat common postoperative complications such as postoperative atelectasis, deep venous thrombosis, pressure sores, etc.
13. To regain fitness, improve muscle strength and postural balance, to improve mobility and restore walking skills, and to cope better with the pain and trauma associated with surgery.

HOW TO ORGANIZE THE CASE STUDY PRESENTATION

The student should possess a thorough knowledge of the disease affecting the patient and its treatment. The case presentation consists of the following parts. Evaluation is based upon how well each portion is presented.

A. REVIEW OF THE DISEASE

It is important that the student explain the basic underlying lesion and how it is amenable to physical therapy. Additionally, a good discussion of the disease state should include the following:

Incidence	Manifestations & complications
Etiology	Prognosis
Pathology & Pathophysiology	Physical therapy diagnosis
Signs and Symptoms	Management & physical therapy treatment

B. THE PATIENT'S CASE

Here is a format to follow in presenting the patient's case:

1) Chief Complaint (CC)

Briefly state the major reason why the patient is seeking medical care (do not confuse with HPI).

2) History of Present Illness (HPI)

List the sequence of events leading to the medical problem mentioned in chief complaint. In chronologic order, describe original onset of symptoms, treatment used and patient response to most recent problems. Restrict the length of this section.

3) Past Medical History (PMH)

List other medical problems and the prescribed therapeutic regimen.

4) Social History (SH)



Relevant information
consumption, drug abuse, etc.

pertaining to cigarette smoking, alcohol

5) **Family History (FM)**

Relevant diseases of parents, siblings, etc.

6) **Physical Examination (PE)**

List abnormal physical findings; regarding range of motion, muscle strength, length discrepancies and special tests.

7) **Assessment**

List medical problems identified.

8) Plan

List the plan for physical therapy management (if available in chart) for each problem.

9) Hospital Course

List the day-to-day activities of the patient's hospital stay. If the patient has been hospitalized for a long period of time, make a synopsis of the patient's hospital activities. Use the problem-oriented approach for each day or time period.

How can I deliver formal case presentation?

PRESENTATION

To make a professional presentation, student must exhibit the following characteristics

- 1) Organization of material
- 2) Knowledge of subject
- 3) Clarity of content
- 4) Enthusiasm for topic
- 5) Confidence in presentation

A. TIME

The presentation should be limited to 45 min. Approximate time distribution may be as follows:
Review of the disease (15 min), Case (15 min) and Management (15 min)

B. VISUAL AIDS

Visual aids are both encouraged and required. Slides, use of color, posters, tables, graphs, or drawings are encouraged. A handout for the audience is required. Included in the handout must be a reference list. It is very helpful to the audience to include an outline of the disease state and/or tables, graphs, or pictures that help to explain difficult concepts.

References are to be reported in the format that appears in major journals, such as the American Journal of Physical Therapy Association (APTA).



Appendix Forms

Absence Request Form

Student Name _____

HRSFE Site/Rotation _____

Number of days of absence included in this request: _____

Approval is requested for absence from rotation activities from ___/___/_____

Through ___/___/_____ for the reason indicated below:

REASON FOR ABSENCE

_____ Illness

_____ Death in Family

_____ Attend Professional Meeting

_____ Personal Reason

_____ Other Explanation:

FURTHER REASON FOR ABSENCE CAN BE GIVEN HERE IF EXPLANATION IS REQUIRED.

Approval requested _____/_____/_____
(Student) (Date)

Approval _____/_____/_____
(Clinical Field Supervisor) (Date)

Approval _____/_____/_____
(College Coordinator) (Date)

This form should be sent to the Clinical Training Unit. A copy should be kept on file with the Clinical Field Supervisor.



Case Presentation Evaluation Form

Student Name:

Rotation Title/Number:

Topic: Date: / /

Assessment Scale

5 = Excellent	Consistently performs at expected physiotherapist level and displays attributes consistent with an excellent practitioner.
4 = Very Good	Very often performs at expected physiotherapist level competency.
3 = satisfactory	Often at an expected physiotherapist level. Displays attributes consistent with readiness to enter general practice
2 = poor	Rarely perform at the expected level for a physiotherapist. Needs improvement to be ready to enter general practice
1 = Deficient	not applicable or no opportunity to evaluate during this rotation

Item	Marks (1-5)
1- Eye contact	
2- Note cards/notes	
3- Facial expression	
4- Composure	
5- Gestures/Distracting mannerisms	
6- Postures	
7- Enthusiasm/ vocal pitch	
8- Articulation/vocalized pauses/pronunciation of terms	
9- Rate of speech	
10- Volume	
11- Slide effectiveness	
12- Slide spelling and grammar	
13- References on slides	
14- Presentation matches objectives	
15- Opening statement relevant to audience	
16- Balanced representation of material	
17- Appropriateness of selected literature data	
18- Organization/presentation well planned and complete	
19- Application/conclusion of presentation	
20- Question answer ability	
Total grade 100	Total=.....

To be included in the assessment forms: total score /20 =..... out of 5

Evaluator/Preceptor name: _____

Position: _____ **Signature:** _____

N.B: This should be returned to the Department of Rehabilitation of Medical Sciences (Clinical Training Unit)



Behavioural / Performance Periodic Evaluation (Hospital)

Name of Hospital: _____

Student Name: _____ University ID: _____

Rotation Period: from _____ to _____

Instructions to Evaluator: The columns indicate numerical grades (<60 to 100). Please evaluate the level of competence at which the student performed in each category while on rotation in your laboratory by assigning a **numerical grade within one column**. If you feel a category is not applicable to your clinical situation, please mark "N/A". Add additional lacking categories in our form as you deemed necessary for evaluation.

OVERALL PERFORMANCE:

Grade: _____

If unsatisfactory, what recommendations would you like to make?

Repeat the training for whole rotation period

Repeat _____ tasks for _____ weeks

Evaluator's Name: _____ Signature: _____ Date: _____



**Faculty of Applied Medical Science
Department of Physical Therapy
CLINICAL PERFORMANCE ASSESSMENT
INTERNSHIP EVALUATION FORM**

INTERN INFORMATION (Student to Complete)

Intern's Name: _____

Period of internship rotation (Months) _____

Phone Number: _____

E-mail: _____

Total Number of Days Absent: _____

ACADEMIC PROGRAM INFORMATION (Program to Complete)

Name of Academic Institution: University of Tabuk _____

Address: _____
(Department)

(City) (Zip)

Phone: _____ ext. _____ Fax: _____

E-mail: _____ Website: _____

CLINICAL EDUCATION SITE INFORMATION (Clinical Site to Complete)

Name of Clinical Site: _____

Address: _____
(Department) (Street)

Phone: _____ ext. _____ Fax: _____

E-mail: _____ Website: _____

Clinical
Instructor Name



	ITEM	EXCELENT (5)	VERY GOOD (4)	GOOD (3)	AVARAGE (2)	Fair (1)	Poor (0)
1	<u>ATTENDANCE</u> To what extent the intern was punctual and compiling with working hours						
2	<u>APPEARANCE</u> Abidance by training uniform and the caring of professional general appearance						
3	<u>SAFETY</u> Practices in a safe manner that minimizes the risk to patient, self, and others (patients' transfer, hygiene)						
4	<u>PROFESSIONAL BEHAVIOR</u> Demonstrates professional behavior in all situations						
5	<u>ACCOUNTABILITY</u> Practices in a manner consistent with established legal and professional standards and ethical guidelines						
6	<u>COMMUNICATION</u> Communicates in ways that are congruent with situational needs						
7	<u>CULTURAL COMPETENCE</u> Adapts delivery of physical therapy services with consideration for patients' differences, values, preferences, and needs.						
8	<u>PROFESSIONAL DEVELOPMENT</u> Participates in self-assessment to improve clinical and professional performance.						
9	<u>CLINICAL REASONING</u> Applies current knowledge, theory, clinical judgment, and the patient's values and perspective						



	in patient management						
10	<p><u>SCREENING</u></p> <p>Determines with each patient encounter the patient's need for further examination or consultation* by a physical therapist* or referral to another health care professional (<u>Screening</u> is the possible presence of an as-yet-undiagnosed disease in individuals without signs or symptoms that may need consultations/referral to other health care professionals.)</p>						
11	<p><u>EXAMINATION</u></p> <p>Performs a physical therapy patient examination using evidenced-based* tests and measures</p>						
12	<p><u>EVALUATION</u></p> <p>Evaluates data from the patient examination (history, systems review, and tests and measures) to make clinical judgments. <u>NOTE: SOAP format</u></p>						
13	<p><u>DIAGNOSIS AND PROGNOSIS</u></p> <p>Determines a diagnosis* and prognosis* that guides future patient management.</p>						
14	<p><u>PLAN OF CARE</u></p> <p>Establishes a physical therapy plan of care* that is safe, effective, patient-centered, and evidence-based.</p>						
15	<p><u>PROCEDURAL INTERVENTIONS</u></p> <p>Performs physical therapy interventions* in a competent manner.</p>						
16	<p><u>EDUCATIONAL INTERVENTIONS</u></p> <p>Educates* others (patients, caregivers, staff, students, other</p>						



	health care providers*, business and industry representatives, school systems) using relevant and effective teaching methods.							
17	<u>DOCUMENTATION</u> Produces quality documentation* in a timely manner to support the delivery of physical therapy services. <u>NOTE: SOAP format</u>							
18	<u>OUTCOMES ASSESSMENT</u> Collects and analyzes data from selected outcome measures in a manner that supports accurate analysis of individual patient and group outcomes using functional outcomes scales							
19	<u>INTERDISCIPLINARY REHABILITATION</u>							
	a. Coordinative team work							
	b. Directs and supervises personnel to meet patient's goals and expected outcomes according to legal standards and ethical guidelines.							
		<u>Total</u>					<u>100%</u>	



SEMINAR OR TALK GIVEN BY THE INTERN	
TITLE	DATES

SEMINARS, LECTURES, SCIENTIFIC OR CLINICAL MEETINGS ATTENDED			
DATE	TITLE	CME	
		<input type="checkbox"/> YES	<input type="checkbox"/> NO
		<input type="checkbox"/> YES	<input type="checkbox"/> NO
		<input type="checkbox"/> YES	<input type="checkbox"/> NO
		<input type="checkbox"/> YES	<input type="checkbox"/> NO



SUMMATIVE COMMENTS

Given this student's level of academic and clinical preparation and the objectives for this clinical experience, identify Strengths and areas for further development. If this is the student's final clinical experience, comment on the student's readiness to practice as a physical therapist.

AREAS OF STRENGTH

AREAS FOR FURTHER DEVELOPMENT

Has the student had a leave? Yes No

If yes, please complete the following:

Type of leave	Dates	Total
REGULAR		
EMERGENCY		

Note: The student has 7 days for Emergency leave, and 14 days for Regular leave.



INTERNSHIP EVALUATION FORM

Evaluation Total Mark	%
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	NAME	SIGNATURE	DATE
HEAD OF THE DEPARTMENT			

INSTITUTE OFFICIAL STAMP	
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For University Use Only

	NAME	SIGNATURE	DATE
INTERNSHIP COORDINATOR			
VICE DEAN CLINICAL AFFAIRS APPROVAL			

This form is to be completed by the student's supervisor at the end the internship placement signed by supervisor, intern and head of department and submitted to the vice dean or clinical affairs, faculty of Applied Medical Science.

طرق التواصل مع قسم العلاج الطبيعي – كلية العلوم الطبية التطبيقية

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