



Internship 1 Requirements

This first internship experience occurs in the Fall semester (Nov.-Dec.) of the DPT 5 year. Students will come into this internship with varying levels of skill and knowledge due to previous work experience. As this is an integrated internship, all academic coursework has not yet been completed. See enclosed MUPT DPT curriculum for courses student will have completed prior to this experience.

Learning Units

All students are required to complete daily structured learning units during the 4 week internship. The learning units are designed to assist the students in developing clinical decision-making skills and utilize a variety of resources, rather than relying on CI input and/or observation.

The CI can help guide the student in selecting appropriate patients cases and in seeking out other resources for completion of the learning units. The learning units allow the CI the flexibility to complete other activities, without the student having to be with the CI the entire time, i.e. Learning Unit #1 requires the students to research the pathophysiology of primary and secondary medical and physical therapy diagnosis. *See Learning Unit Document on web site/attached.*

APTA Weekly Planning Forms

We do expect the student to show weekly progress and be able to self-assess their performance and identify goals for the following week. To achieve this outcome, the student will use the APTA Weekly Planning Forms at the end of the first, second and third weeks of the internship. Weekly goals must be written by the student in a 'SMART' format (specific, measurable, achievable, results oriented, time bounded). *See Weekly Planning Form (attached).*

Clinical Performance Instrument 2006 (PT CPI WEB)

Midterm Evaluation: Due to the short duration of the first internship, the formal mid-term assessment using the PT CPI Web is minimized. We ask that the rating scale be completed in each of the skills followed by "See summary comments" in the comment section of each individual skill (You may comment on specific skills if you wish). However, we then ask that the midterm summary comments on the PT CPI Web be completely filled out. This should be completed by CI and Student prior to midterm discussion

Final Evaluation: A formal final assessment on PT CPI Web is required. Final ratings and comments on each of the skills and summary comments are required.

We have established the following **minimal performance criteria** on the PT CPI 2006:

- The student must be at or between Advanced Beginner Performance and Intermediate Performance on all CPI skills, as assessed by the clinical instructor.

Generic Abilities

The student completes generic ability self-assessment at the end of the experience. The CI does not have to complete the form, but is asked to review the student's self-assessment and provide feedback as appropriate.



Internship Assessment Checklist – Practicum 1

- ❑ **Day 1 – Student is to email or fax Laurie or Danille with name, email and phone number of CI, where the two of you can be reached during the day. (First day fax form)**
- ❑ **Daily – Learning Units (as indicated on the learning units). It is the student’s responsibility to ensure completion of the learning units and to seek feedback from the CI.**
- ❑ **End of Week 1**
 - **Weekly Planning Form** – student summarizes the week’s performance and writes goals for the following week. CI reviews and adds comments, may revise goals as appropriate. Weekly goals must be written in a ‘SMART’ format (specific, measurable, achievable, results oriented, time bounded).
- ❑ **End of Week 2**
 - **Weekly Planning Form** - student summarizes the week’s performance and writes goals for the following week. CI reviews and adds comments, may revise goals as appropriate.
 - **Student and CI complete midterm CPI ratings and SUMMARY COMMENTS on the PT CPI Web**– we do not require formal midterm comments on each of the CPI skills for the midterm assessment of this first clinical experience.
- ❑ **End of Week 3**
 - **Weekly Planning Form** - student summarizes the week’s performance and writes goals for the following week. CI reviews and adds comments, may revise goals as appropriate.
- ❑ **End of Week 4 (end of clinical)**
 - **CPI** – An online version is completed by student and one by the CI. Students are expected to complete their CPI prior to discussion at the final assessment.
 - We have established the following **minimal performance criteria** on the CPI:
 - ★ The student must be at or between Advanced Beginner Performance and Intermediate Performance on all CPI skills, as assessed by the clinical instructor.
 - **Generic Abilities** – completed by student only, CI reviews and provides comments as needed
 - **Student Evaluation of Internship Experience (APTA Form)**– completed by the students to provide the CI, clinical site and our program with feedback regarding the experience.
 - **Facility specific requirements** – the student is expected to complete any additional requirements that the facility may have.

COLLABORATIVE/PROBLEM BASED CLINICAL EDUCATION

Learning Units

Introduction

Health care continues to evolve at a very rapid pace. No longer can therapists consider themselves to be sole practitioners. As all clients who come to the clinic require different expertise, and different professions involved in their care, Concordia University and Marquette University have chosen to begin their Physical Therapist clinical education training with an experience designed to emphasize the case-management, decision-making, and collaborative responsibilities of the Physical Therapist.

Clinical Problem Solving I at Concordia University is a clinical education experience designed to introduce the student to patient care in Physical Therapy. The emphasis of this clinical is not hands on experience. Rather, the goal of this clinical learning experience is to expose the student to the decision-making, planning, and problem solving role the Physical Therapist plays in client management.

Practicum I at Marquette University is an introductory clinical experience in any clinical practice setting intended to provide the student with as much problem solving and hands-on opportunities as appropriate to their level of academic preparation. It is intended to be an interactive experience that exposes the student to all aspects of patient care and management while applying the concepts of the learning unit model.

Ideally students are assigned to clinical facilities in groups of 2 or more. This model has, however, been used with traditional 1:1 experiences in cases where the clinical facility does not feel they could accommodate multiple students. Each student is assigned a small caseload of approximately 2 patients each day for whom they have responsibility to complete the daily learning unit for that clinical day. When in a collaborative experience, students are expected to work as a group to solve the general problems of each daily learning unit, to personalize each daily learning unit to their specific patients/clients and patient/client needs, to be prepared for the clinical experience on a daily basis, and to participate as a colleague to assist in problem solving of other group members.

This is not a grading tool, but rather a guide and structure for the clinical experience. Students will be provided some time in the clinic to complete requirements for daily learning units. However, it should be noted that not all resources are immediately available and consultation and research both in and outside of the clinical day is expected. Students should plan their time in and outside of the clinic accordingly. Grading tools used for this clinical by Concordia University will be The Generic Abilities Assessment Tool, and The Clinical Skills List for CPS I. The grading tool used by Marquette University will be selected skills within the Clinical Performance Instrument consistent with their academic preparation.

Learning Units

1. Physical Therapy Evaluation - Pathophysiology
2. Alternative Discharge Options/Community Supports
3. Physical Therapy Examination - Subjective and Objective Components
4. Physical Therapy Evaluation - Assessment
5. Physical Therapy Evaluation - Treatment planning
6. Implementation and Progression of the Treatment Plan
7. Delegation
8. Documentation
9. Reimbursement and Cost of Care
10. Other Health Care Providers
11. Pharmacology
12. Case Study

Responsibilities of the Student

The student assumes responsibility for completing the daily learning unit. The clinical instructor is a “guide on the side”, a facilitator, a resource and a mentor, but not responsible for supervising the work of the student on the daily learning units. There is considerable independent time, and the student is responsible for structuring the day such that all requirements for completing the daily learning units are met. When working with patients/clients, the student recognizes that the clinical instructor is the primary care provider who delegates to the student consistent with the students’ academic knowledge and experience.

Students remain responsible for completing the requirements as outlined by the grading tools used by their university. The learning units are designed such that students should meet all requirements of the clinical experience through completing the learning units.

As students will be using support materials that may be proprietary, students are expected to maintain confidentiality of records, and confidentiality of policies and procedures, unless otherwise approved by the clinical facility. No records are to leave the clinical facility without direct knowledge and consent of the clinical instructor.

While completing the clinical experience and learning units, numerous resources are available. In addition to the recommended resources identified for each learning unit, students should also consider: course notes, journal articles, clinical guidelines, texts, (i.e., Rehab Specialist Handbook), videos, faculty (Faculty are available by phone, however, may or may not be immediately in the office at the time of your call. They should not be used as your primary source of information) and any other resources available within the clinical learning environment.

Responsibilities of the Clinical Instructor

The clinical instructor should serve primarily as a resource for the daily learning units and assume primary responsibility for patient/client care provided by and with the student. The clinical instructor is to be familiar with their caseload, and with the individuals they delegate to students for completion of the daily learning units. The clinical instructor has the sole authority to determine which patients are appropriate for student intervention, and have the ability to withdraw the student from patient contact at any time.

The clinical instructor should be familiar with the daily learning units. Completion of the daily learning units is the responsibility of the student; the role of the clinical instructor is to provide guidance, support, and structure where needed. Clinical instructors should be available for mentorship, and provide clear and concise feedback on the quality of the work produced by the student. The clinical instructor should also complete the designated grading tool(s) required by the university.

Responsibilities of the Academic Faculty and DCE

The DCE should remain as the contact between the clinical facility, the student and the university, and be available for training and questions as they arise. Should any questions arise, please contact the DCE immediately to have these resolved.

LEARNING UNIT 1 - PHYSICAL THERAPY EVALUATION: PATHOPHYSIOLOGY
Clinical Days 1-2

Student: _____

Clinical Instructor: _____

Unit Objective: Students will identify the pathophysiology of primary and secondary patient/client medical and/or physical therapy diagnoses and will determine the impact of those pathophysiologies on the efficacy of Physical Therapy care, patient/client safety, and in the clinical decision making process for the examination and evaluation of each patient/client.

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day. Students are to research the primary and secondary medical and/or physical therapy diagnoses of the assigned patients/clients. Using support materials students are expected to be able to report cause and general management of the pathophysiology, and given this information suggest the impact (i.e., restrictions, precautions, necessary physical therapy examination procedures) on the Physical Therapy examination and evaluation.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Verbalize restrictions and/or precautions to the provision of Physical Therapy care
- Identify necessary physical therapy examination procedures
- Be able to verbalize patient/client and/or caregiver educational needs
- Utilize a medical database to research and obtain one article about management of an identified pathophysiology

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| • Students must provide a 10 minute oral presentation of findings at the end of the clinical day to the student group and the clinical instructor on the patient/client of the CI's choice. | Due at the end of the clinical day |
| • Students must provide a written summary of the information obtained on both patients/clients to the clinical instructor. | Due at the start of the following clinical day |
| • Student will turn in research article obtained along with the written summary. | Due at the start of the following clinical day |

Time for Completion: Students will be provided 2 patients/clients per day, and will repeat the unit for 2 consecutive days. The unit should assume Day 1 and Day 2 of the clinical experience.

Recommended Resources: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- General and Geriatric MERK manual (available in the CUW or MU bookstore for purchase)
- Faculty and clinical instructors.
- Medical databases via the internet, OVID: MEDLINE/HealthSTAR/CINAHL, PubMed: MEDLINE, SUMSearch, PEDro, Cochrane Library

LEARNING UNIT 2 - ALTERNATIVE DISCHARGE OPTIONS/COMMUNITY SUPPORTS
Clinical Day 3

Student: _____

Clinical Instructor: _____

Unit Objective: Students will identify community supports and discharge options for patients/clients and/or caregivers.

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day (note: these may be the same patients/clients the student has worked with on previous units). Students are to investigate community supports and discharge options, which meet the individual needs of the clients or the caregivers of those clients. Students are to prepare this information as though they were presenting to a group of healthcare providers with discharge recommendations.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Provide discharge recommendations as if they were planning discharge with another healthcare provider
- Locate general information important to the patient/client or caregiver about community supports in the immediate area
- Anticipate how the expected discharge environment (i.e., skilled nursing, home, outpatient services) may affect the Physical Therapy Plan of Care

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

- Students must provide a 10 minute oral presentation of findings at the end of the clinical day to the student group and the clinical instructor on the patient of the CI's choice. Due at the end of the clinical day

Time for Completion: Students will be provided 2 patients/clients and will complete the unit in one clinical day.

Recommended Resources: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Local phone book and/or yellow pages
- Social Services in the facility if available
- Faculty and clinical instructors.

**LEARNING UNIT 3 - PHYSICAL THERAPY EXAMINATION:
SUBJECTIVE AND OBJECTIVE COMPONENTS**
Clinical Days 4 and 5

Student: _____

Clinical Instructor: _____

Unit Objective: Based on the pathophysiology students will identify the functional limitations and impairments a patient/client may have and hypothesize a means of testing those functional limitations and underlying impairments.

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day. Students are to examine the primary and secondary medical and/or physical therapy diagnoses of the assigned patients. From this alone, students should develop a subjective (patient interview questions) and objective (physical therapy tests and measures) component which could be included in a comprehensive physical therapy examination to determine the functional limitations and impairments. Students should not be hindered by time, and should develop as comprehensive an examination as they feel necessary to collect all valuable information.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Develop and complete a patient/client interview
- Develop a list of physical therapy tests and measures to identify the patient's/client's functional limitations and impairments
- Apply tests and measures as appropriate for academic preparation with appropriate supervision
- If appropriate perform Manual Muscle Testing, ROM - emphasizing specific goniometric measurement rather than gross assessment, and gross mobility skills assessments of the patient/client in question
- Record findings of tests and measures applied by CI
- Obtain one research article to support test or measure chosen

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| • Students will write the Subjective and Objective components of the physical therapy evaluation using the data collected in the patient/client examination | Due at the start of the following clinical day |
| • Present the findings and evaluation to the student group and the clinical instructor for feedback | Due at the end of the clinical day |
| • Student will turn in research article obtained. | Due at the start of the following clinical day |

Time for Completion: Students will be provided 2 patients/clients per day, and will repeat the unit for 2 consecutive days.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Examples of past Physical Therapy evaluations for that facility (your CI can provide examples of these)
- Kettenbach SOAP Note text
- APTA Guide for Physical Therapist Practice (note: this document was published in the January 2001, journal Physical Therapy, and/or is available for purchase through the APTA)
- Faculty and clinical instructors
- Medical databases via the internet, OVID: MEDLINE/HealthSTAR/CINAHL, PubMed: MEDLINE, SUMSearch, PEDro, Cochrane Library

LEARNING UNIT 4 - PHYSICAL THERAPY EVALUATION: ASSESSMENT
Clinical Day 6

Student: _____

Clinical Instructor: _____

Unit Objective: Students will develop a problem list and long term goals, and with guidance, provide a prognosis for reaching those goals.

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day. These may be the patients/clients assigned during Unit 3, however, given the unique nature of the clinical these may be different patients/clients. From information developed in an S and O sections, students will be guided through completion of the Assessment sections of the SOAP note.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Develop a patient/client problem list including impairments and functional limitations
- Discuss which impairments might impact the functional limitations observed
- Develop long term goals (LTGs) from the functional problem list
- Identify the following components in the documentation format used by the facility: Physical therapy diagnosis (summary/impression of the patient's major impairments); Evaluation (factors identified that may influence the patient's ability to meet PT goals, e.g., motivation, cognition); Prognosis (patient's potential for reaching goals)

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| <ul style="list-style-type: none">• Students will submit a written problem list, long term goals, prognosis and rationale for that prognosis to the clinical instructor. This information, as it is generally part of a medical record can be hand written. All writing must be legible or it will be considered incomplete work.• Students should prepare an 'Assessment' as though part of the SOAP note. | <p>Due at the start of the following clinical day.</p> <p>Due at the start of the following clinical day</p> |
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Time for Completion: Students will be provided 2 patients/clients per day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Physical Therapy evaluation provided from the facility
- Kettenbach SOAP note text
- APTA Guide for Physical Therapist Practice

LEARNING UNIT 5 - PHYSICAL THERAPY PLAN OF CARE
Clinical days 7 and 8

Student: _____

Clinical Instructor: _____

Unit Objective: Students will develop a beginning Physical Therapy Plan of Care.

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day. Based on the Physical Therapy assessment completed in Unit 4, students will develop a plan of care, which will address both functional limitations and impairments. Additionally, students will develop short-term goals to measure patient/client progress.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Develop a list of impairments off a functional limitation list and objective physical therapy examination
- Develop two (2) treatment alternatives to address each impairment and provide a rationale for that approach
- Develop short term goals (STGs) for each long term goal established
- Obtain one research article to support the rationale for one of the chosen treatment alternatives

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| • Students will submit a written impairment list, and short term goals to the clinical instructor. | Due at the start of the following clinical day. |
| • Students should discuss treatment options selected with the student group and be prepared to demonstrate how to implement those options if requested by the clinical instructor. | Due at the completion of that clinical day. |
| • Student will turn in research article obtained. | Due at the start of the next clinical day. |

Time for Completion: Students will be provided 2 patients/clients per day. This unit will be repeated over 2 consecutive days.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Physical Therapy evaluation provided from the facility
- Kettenbach SOAP note text
- APTA Guide for Physical Therapist Practice
- Clinic library
- Medical databases via the internet, OVID: MEDLINE/HealthSTAR/CINAHL, PubMed: MEDLINE, SUMSearch, PEDro, Cochrane Library

LEARNING UNIT 6 - IMPLEMENTATION AND PROGRESSION OF TREATMENT
Clinical day 9

Student: _____

Clinical Instructor: _____

Unit Objective: Students will implement a Physical Therapy Plan of Care and discuss modifications to that plan of care

Unit Organization and Guidelines: Students will be assigned two (2) cases from the Clinical Instructor's caseload at the start of the clinical day, ideally these cases will follow from days 7 and 8, but this is not required for completion of this unit. Based on the Physical Therapy assessment student will implement a plan of care (POC) and evaluate the outcome of the treatment session as well as the appropriateness of the original POC. Students will identify and discuss modifications to the POC implemented based on the response from the patient/client.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Perform specific Physical Therapy interventions developed to move the patient/client towards completion of the short term/interim goals
- Evaluate the outcome of the intervention (i.e., did the treatment meet your objectives for that session)
- Hypothesize modification of the POC based on the treatment outcomes achieved during the therapeutic implementation

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

- Discuss outcomes of the treatment session and modifications of the POC with the student group Due at the end of the clinical day.
- Present a written summary of outcomes and modifications of the treatment plan to the CI including recommendations from the student discussions Due at the start of the following clinical day.

Time for Completion: Students will be provided 2 patients/clients. The unit will be completed in one clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Collaborative pathways used by the clinical facilities
- Faculty
- Clinic library
- Exercise files available on site
- APTA Guide for Physical Therapist Practice

LEARNING UNIT 7 - DELEGATION OF TREATMENT
Clinical day 10

Student: _____

Clinical Instructor: _____

Unit Objective: Students will identify the scope of responsibility of Physical Therapy when delegating components of the Physical Therapy POC.

Unit Organization and Guidelines: Based on a POC of one (1) familiar patient/client, students will develop a comprehensive perspective of delegation of the Physical Therapy POC. The student should be expansive on the understanding of delegation, considering not only traditional support personnel (e.g., PTA, PT Aide) but should include all members of the health care team including family, other professional staff, and the patient/client directly.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Determine theoretically all individuals to whom the PT can appropriately delegate components of the PT POC (note: students should not restrict themselves to the support personnel available at the clinical facility, but consider all options).
- Determine which components of the POC the PT can delegate to each party
- Determine the basis for these delegation choices
- Determine whether the delegation choices made are consistent with the Standards of Practice in Physical Therapy, APTA Policies and Positions, the State Practice Act, Institutional Policies and Procedures

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

- Present theoretical findings of the learning unit to the group for discussion Due at noon (12:00) on the clinical day
- Present one actual delegation plan to the CI and student group by the end of the day Due at the end of the clinical day.

Time for Completion: Students will be provided 1 patient/client. The unit will be completed in one clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- State Physical Therapy Practice Act
- APTA Guide for Professional Conduct
- APTA Policies and Positions
- Job descriptions of Physical Therapy and all support personnel available at the clinical facility
- Other clinic staff
- Family of the patient(s)/clients(s)

LEARNING UNIT 8 - DOCUMENTATION
Clinical day 11

Student: _____

Clinical Instructor: _____

Unit Objective: Students will complete various aspects of documentation in management of clients in Physical Therapy

Unit Organization and Guidelines: Students will be assigned one (1) case from the Clinical Instructor's caseload at the start of the clinical day; will review the medical record with special attention to the Physical Therapy initial evaluation; and, will co-treat with the Clinical Instructor. Following co-treatment the student will be assigned all documentation requirements according to the requirements of the clinical facility.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Read, critique, and re-write in SOAP note format the physical therapy evaluation of the assigned patient/client
- On the assigned patient/client, co-treat with the CI and prepare a progress note in the required clinic format
- Prepare any ancillary documentation as assigned by the clinical instructor

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| • Re-written Physical Therapy evaluation on the assigned client in SOAP note format | Due at the end of the clinical day. |
| • Progress note on assigned patient/client | Due at the end of the clinical day. |
| • Any ancillary documentation as required by the CI | Due at the end of the clinical day. |

Time for Completion: Students will be provided 1 patient/client. The unit will be completed in one clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Documentation guidelines from the clinical facility's policy and procedure manual
- Medical records of the patient/client in question or other clients served by that clinic
- Kettenbach SOAP Note text

LEARNING UNIT 9 - REIMBURSEMENT AND COST OF CARE

Clinical day 12

Student: _____

Clinical Instructor: _____

Unit Objective: Students will develop an understanding of fiscal responsibility in Physical Therapy client management.

Unit Organization and Guidelines: Students will be assigned one (1) case from the Clinical Instructor's caseload at the start of the clinical day; will calculate all Physical Therapy charges accrued to date, and will develop an understanding of the impact on reimbursement within the patient/client's reimbursement model (i.e., will understand payment based on the type of medical coverage the patient/client presents).

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Calculate all Physical Therapy charges accrued to date on the assigned patient/client
- Identify the patient/client's third party payor coverage
- Calculate the cost of care (i.e., cost of care = charges - reimbursement)
- Determine which Physical Therapy decisions need to be made based on reimbursement provided

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| • Calculated Physical Therapy charges on assigned patient/client | Due at the start of the following clinical day. |
| • Description of third party payor coverage | Due at the start of the following clinical day. |
| • Cost of care calculations | Due at the start of the following clinical day. |
| • Discuss findings with the group and the clinical instructor | Due at the end of the clinical day. |

Time for Completion: Students will be provided 1 patient/client. The unit will be completed in one clinical day, with work turned in the following clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Medical records of the patient/client in question
- Billing records/business office records of the patient/client in question
- Patient/clients themselves
- Third party payor customer service information (number generally available in the medical record)

LEARNING UNIT 10 - OTHER HEALTH CARE PROVIDERS
Clinical day 13

Student: _____

Clinical Instructor: _____

Unit Objective: Students will identify the roles and responsibilities of other health care providers in the management of a patient/client.

Unit Organization and Guidelines: Students will be assigned one (1) case from the Clinical Instructor's caseload at the start of the clinical day; and will identify and profile the individuals involved in care discussing the impact on the Physical Therapy Treatment plan.

NOTE TO CI: In this instance, you can present students with options of service providers who may be outside of the clinical facility directly; for example, include individuals monitoring progress at a health club, or church support, social support. This is not restricted to individuals available in the immediate clinical environment.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Identify other health care providers involved in the management of the patient/client
- Profile those health care providers
- Appreciate the impact of all health care providers in case management of an assigned patient/client
- Interview one non PT/PTA health care provider to discern their roles and responsibilities in patient/client management

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

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| <ul style="list-style-type: none">• Students will participate in a roundtable discussion presenting the findings of their particular patient/client situation.• Present a written profile of the health care providers participating in the care of their assigned patient/client to include a write up from the health care provider interview. | <p>Due at the end of the clinical day.</p> <p>Due at the start of the following clinical day.</p> |
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Time for Completion: Students will be provided 1 patient/client. The unit will be completed in one clinical day, with work turned in the following clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- The patient/client
- Health care providers available in the care of the patient/client (be sensitive to time issues)
- The World Wide Web
- Job descriptions of various health care providers available on site

LEARNING UNIT 11 - PHARMACOLOGY
Clinical day 14

Student: _____

Clinical Instructor: _____

Unit Objective: Students will describe the impact of over the counter and prescription medications on the clinical presentation and physical therapy intervention.

Unit Organization and Guidelines: Students will be assigned one (1) case from the Clinical Instructor's caseload at the start of the clinical day to be managed as a group, and one case to be managed individually for a total of two (2) clinical cases. The group assignment will involve identification of suspected pathophysiology from a medication list. In the individual case students will hypothesize the impact of medications on the clinical presentation of the case.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- As a group identify a pathology for the following cases:

Outpatient case: Medication list includes:

Tylenol #3
Flexeril
Diabinese
Feldene or Naprosyn
Xanax
Pepcid

Acute care case: Medication list includes:

Glyburide 5mg q am (breakfast); 2.5 mg q pm (supper)
Hydrochlorothiazide 25 mg qd
Imipramine 150mg qhs
Nifedipine 90 mg qd
Potassium Chloride 20MEQ qd
Simvastatin 20 ms qhs
Ticlopidine 250 mg bid
Acetaminophen 650 mg q4 hours prn

- Recognize/hypothesize impact of medications on the clinical presentation of the patient/client

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

- | | |
|---|-------------------------------------|
| • Students will discuss the group work as a part of a roundtable discussion moderated by the CI | Due at the end of the clinical day. |
| • Students will discuss the individually assigned patient/client as a part of a roundtable discussion | Due at the end of the clinical day. |

Time for Completion: Students will be provided 2 patients/clients (one as a group, and one individually). Both should be completed by the end of the clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Physicians Desk Reference (generally available in the clinic environment or available in the CUW or MU library on reserve)
- Drug Formulary
- Pharmacist
- Clinic library

LEARNING UNIT 12 - CASE STUDY
Clinical day 15

Student: _____

Clinical Instructor: _____

Unit Objective: Students will develop and present a case study based on the previous learning units.

Unit Organization and Guidelines: Students will be assigned one (1) case from the Clinical Instructor's caseload at the start of the clinical day and will prepare an oral and written case study addressing all learning units to date.

Learning Objectives: At the completion of this unit the student will:

- Identify multiple resources to assist with problem solving
- Obtain information relevant to providing a solution to the unit objective
- With guidance and collaboration interpret that information
- Integrate the previous learning units into a comprehensive understanding of Physical Therapy intervention

Outcomes to be submitted to CI for review: The student is responsible for completing the following documents and having them available to the clinical instructor within the specified time frame. All documentation will be submitted to the ACCE at the completion of the course as evidence of successful completion of individual learning units.

- | | |
|--|-------------------------------------|
| • Students will present an oral presentation (10 - 15 minutes) at noon to all clinical staff | Due at noon of the clinical day. |
| • Students will critique the presentation of their peers for style and content | Due at the end of the clinical day. |
| • Students will present an oral summation of the critique to other students at the end of the clinical day | Due at the end of the clinical day. |

Time for Completion: Students will be provided 1 patient/client and will complete the entire case study within the clinical day.

Recommended Support Information: Students are encouraged to use any support information they feel helpful to solve the problem at hand. The following are recommended supports:

- Peers
- Previous learning unit materials
- All resources listed in the prior learning units can be used for this learning unit as well

APPENDIXES

The purpose of this appendices is to provide examples to augment each daily learning unit in order to clarify the rationale and intent and illustrate with examples how the daily learning unit can be completed.

Learning Unit 1: Physical Therapy Evaluation: Pathophysiology

This daily learning unit (DLU) is intended to assist the student in understanding the impact of pathophysiology on physical therapy decision making and the provision of services. Students tend to focus on details and miss the big picture when trying to prioritize and design an appropriate plan of care. This DLU will guide them in considering all aspects of patient health, wellness, fitness, illness and disability when looking at the need for physical therapy services.

Pathophysiology = diabetes: (definition), monitoring of blood sugar levels, potential for PVD/sensory losses (ergo balance, vision...), increased risk of heart disease...

= CHF: response to exercise, fatigue, exercise intolerance, weight gain

= ACL tear: tissue healing, inflammatory response, loads/torque/weight bearing....

SAMPLE

Weekly Planning Form^a

Dates: _____ Experience Week Number: _____

STUDENTS REVIEW OF THE WEEK

When completing this form consider the five (5) performance dimensions: quality of care, supervision/guidance required, consistency of performance, complexity of tasks/environment, and efficiency of performance.

CI'S REVIEW OF THE WEEK

When completing this form consider the five (5) performance dimensions: quality of care, supervision/guidance required, consistency of performance, complexity of tasks/environment, and efficiency of performance.

GOALS FOR THE UPCOMING WEEK OF _____

Student's Signature _____

CI Signature _____

^aAPTA Clinical Instructor Education and Credentialing Program, American Physical Therapy Association, Alexandria, Va, September 2005: Section IV-7.
