Program-Level Assessment: Annual Report

Program Name (no acronyms): Physical Therapy	Department: Physical Therapy and Athletic Training
Degree or Certificate Level: Doctor of Physical Therapy (DPT)	College/School: Doisy College of Health Sciences
Date (Month/Year): Sept 2021	Assessment Contact: Randy Richter
In what year was the data upon which this report is based collected? AY 2020-2021	
In what year was the program's assessment plan most recently reviewed/updated? Spring 2021	

1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

PLO #1- Graduates will be able to serve others by advocating for the health of society
PLO #2- Graduates will be able to communicate in a way that optimizes patient-centered care

2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe and identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

PLO #1- Graduates will be able to serve others by advocating for the health of society
    Assessment: PLO #1- - Rating on Clinical Performance Instrument – Item # 3 – Assesses accountability

PLO #2- Graduates will be able to communicate in a way that optimizes patient-centered care
    Assessment: PLO#2- Rating on Clinical Performance Instrument – Item # 4 – Assesses communication

Description of Assessment Method and Artifact PLO #1 and PLO #2 were assessed using selected items from the Physical Therapist Clinical Performance Instrument Version 2006 (CPI). The CPI serves as the artifact for PLO #1 and PLO #2. Due to copyright restrictions, we cannot provide a copy of the CPI.

The CPI is a valid tool for assessing physical therapy student clinical performance.[1] Prior to using the CPI, clinical instructors and students must complete standardized training. While clinical instructors complete the CPI for students they supervise, the academic program has the responsibility to assign grades based on the completed CPI.[1] The Director of Clinical Education at Saint Louis University, Program in Physical Therapy, with input from faculty, developed a process to convert clinical instructors' student CPI results to a numeric score. These numeric CPI scores serve as the outcomes of PLO #1 and PLO #2.

The Director of Clinical Education at Saint Louis University, Program in Physical Therapy assisted in identifying relevant CPI items for assessment of PLO #1 and PLO #2. Items from the CPI were chosen due to their close match of the intended learning outcome and assessment method. For example, CPI item #4 is designed to assess if student physical therapist's communication meets the needs of the situation.[1]

The 3 courses chosen for assessment of PLO#1 and PLO # 2 (DPT 5291 Clinical Experience IA; DPT 6192 Clinical Experience IIB; DPT 6294 Clinical Experience IV) represent a sequence of clinical education courses wherein students are expected to incrementally develop from beginner to entry level physical therapist while carrying a full caseload.[1]

The assessment rubric was developed with assistance from the Director of Clinical Education, taking into account the developmental nature of the clinical experience courses.

[1] Roach KE, Frost JS, Francis NJ, Giles S, Nordrum JT, Delitto A. Validation of the revised Physical Therapist Clinical Performance Instrument (PT CPI): Version 2006. *Phys Ther*. 2012;92:416-428.PubMed ID 22135710

Courses (not online; clinical education sites are throughout the United States)
1-DPT 5291 Clinical Experience IA
2-DPT 6192 Clinical Experience IIB
3- DPT 6294 Clinical Experience IV

No Madrid artifacts were included

3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and **include them in/with this report document** (do not just refer to the assessment plan).

PLO #1 & 2: A Department Administrative Assistant prepared a spreadsheet of the Clinical Performance Instrument numeric scores. Numeric score data was analyzed by the faculty member responsible for collecting and analyzing student outcome data, Program in Physical Therapy. The data was used to assess student achievement as per the assessment rubric.

4. Data/Results

What were the results of the assessment of the learning outcome(s)? Please be specific. Does achievement differ by teaching modality (e.g., online vs. face-to-face) or on-ground location (e.g., STL campus, Madrid campus, other off-campus site)?

		PLO #1- Graduates will be able to serve others by advocating for the health of society			PLO #2- Graduates will be able to communicate in a way that optimizes patient-centered care		
		DPT 5291 Clinical Experience IA	DPT 6192 Clinical Experience IIB	DPT 6294 Clinical Experience IV	DPT 5291 Clinical Experience IA	DPT 6192 Clinical Experience IIB	DPT 6294 Clinical Experience IV
Level							
Master	N with a score* of 8 or above	8	26	77	7	20	77
	% with a score of 8 or above	10%	33%	99%	9%	26%	99%
Reinforce	N with a score of 4 - 7 inclusive	49	52	1	43	58	1
	% with a score of 4 - 7 inclusive	63%	67%	1%	55%	74%	1%
Introduce	N with a score of 2- 3 inclusive	20	0	0	27	0	0
	% with a score of 2- 3 inclusive	26%	0%	0%	35%	0%	0%
Below Introduce	N with a score Below 2	1	0	0	1	0	0
	% with a score Below 2	1%	0%	0%	1%	0%	0%

*Scores are the numeric scores based on the results of the Clinical Performance Instrument (CPI) at end of clinical experience

Results do not differ by teaching modality or location.

5. **Findings: Interpretations & Conclusions**

   What have you learned from these results? What does the data tell you?

   > NOTE:
   >
   > The program target identified in the assessment plan, which is the minimum percentage of students able to achieve each PLO at the designated ranking, was established at the College standard rate of 85% or better by the former Dean of the Doisy College of Health Sciences.
   >
   > Students enter clinical experiences well prepared in relationship to the learning outcomes. For example, after the first clinical experience more than half the students are at the reinforce level. By the end of the clinical experience courses (DPT 6294 Clinical Experience IV are at the mastery level.

6. **Closing the Loop: Dissemination and Use of Current Assessment Findings**

   A. When and how did your program faculty share and discuss these results and findings from this cycle of assessment?

   > Findings from AY 2020-2021 on PLO #1&2, will be discussed a program faculty meeting fall 2021.

   B. How specifically have you decided to use these findings to improve teaching and learning in your program? For example, perhaps you've initiated one or more of the following:

Changes to the Curriculum or Pedagogies	• Course content • Teaching techniques • Improvements in technology • Prerequisites	• Course sequence • New courses • Deletion of courses • Changes in frequency or scheduling of course offerings
Changes to the Assessment Plan	• Student learning outcomes • Artifacts of student learning • Evaluation process	• Evaluation tools (e.g., rubrics) • Data collection methods • Frequency of data collection

   Please describe the actions you are taking as a result of these findings.

   > Findings from AY 2020-2021 on PLO #1&2, will be discussed a program faculty meeting fall 2021.

   If no changes are being made, please explain why.

   > Findings from AY 2020-2021 on PLO #1&2, will be discussed a program faculty meeting fall 2021.

7. **Closing the Loop: Review of Previous Assessment Findings and Changes**

   A. What is at least one change your program has implemented in recent years as a result of assessment data?

   > Previous findings are similar, and changes have not been driven by the PLO outcomes. However, in spring 2021 faculty reviewed assessment data and plan and were interested in identifying additional artifact across multiple courses to assess the PLOs in greater detail.

   B. How has this change/have these changes been assessed?

During AY 2021 – 2022 assessment of PLOs and possible changes to artifacts will be discussed at a faculty meeting.

C. What were the findings of the assessment?

During AY 2021 – 2022 assessment of PLOs and possible changes to artifacts will be discussed at a faculty meeting.

D. How do you plan to (continue to) use this information moving forward?

During AY 2021 – 2022 assessment of PLOs and possible changes to artifacts will be discussed at a faculty meeting.

IMPORTANT: Please submit any assessment tools (e.g., rubrics) with this report as separate attachments or copied and pasted into this Word document. Please do not just refer to the assessment plan; the report should serve as a stand-alone document.

As noted above, Due to copyright restrictions, we cannot provide a copy of the CPI

Assessment Rubric

Doctor of Physical Therapy (DPT)			
Program Learning Outcome (PLO #1): Graduate will be able to serve others by advocating for the health of society.			
Below "Introduce" Level	**Introduce**	**Reinforce****	**Master****
DPT 5291 Clinical Experience IA •Rating on Clinical Performance Instrument – Item #3 – Assesses accountability below 2	DPT 5291 Clinical Experience IA •Rating on Clinical Performance Instrument – Item #3 – Assesses accountability at or above 2	DPT 6192 Clinical Experience IIB •Rating on Clinical Performance Instrument – Item #3 – Assesses accountability at or above 4	DPT 6294 Clinical Experience IV •Rating on Clinical Performance Instrument – Item #3 – Assesses accountability at or above 8

Doctor of Physical Therapy (DPT)			
Program Learning Outcome (PLO # 2): Graduate will be able to communicate in a way that optimizes patient-centered care			
Below "Introduce" Level	**Introduce**	**Reinforce****	**Master****
DPT 5291 Clinical Experience IA •Rating on Clinical Performance Instrument – Item #4 – Assesses communication below 2	DPT 5291 Clinical Experience IA •Rating on Clinical Performance Instrument – Item #4 – Assesses communication at or above 2	DPT 6192 Clinical Experience IIB •Rating on Clinical Performance Instrument – Item #4 – Assesses communication at or above 4	DPT 6294 Clinical Experience IV •Rating on Clinical Performance Instrument – Item #4 – Assesses communication at or above 8