

Academy of Orthopaedic Physical Therapy, APTA, Inc. Grant Program Annual Progress Report Form

Date: April 21, 2021

Name of Investigators: Linda Van Dillen PT, PhD; Heidi Prather, DO; Quenten Hooker, MS (doctoral trainee)

Name of Grant: Impact of hip structure and function on the clinical presentation of low back pain

Award Period: May 2019 to May 2021 (Initial award date – date on contract as start date)

Current Year of Award completed (circle one): 1st, **2nd**, no-cost extension year (3rd)

Progress reports are due no later than 1 year plus 10 days after the initial award date. Failure to submit a timely progress report may result in the termination of your award.

1. Summary of accomplishments in the past year:

Impact of COVID-19: Dr. Van Dillen communicated with Dr. White, the Chair of the Research Committee, via email on 03/18/2020 to inform him of the suspension of all research at Washington University. Given the uncertainty of research activities and on advice of Dr. White, Dr. Van Dillen submitted the first year progress report 06/06/2020 while research activities continued to be suspended. Accomplishments: **Year 1**: The primary accomplishments in Year 1 of funding were related to setting recruitment procedures, training personnel, establishing and testing reliability of the experimental procedures and establishing procedures for conducting imaging and billing for imaging procedures within the hospital system. Prior to suspension, 10 participants completed full test-retest reliability and 2 participants completed all experimental testing. Due to COVID-19 suspensions 2 participants completed the lab and clinical exam testing but did not complete the imaging component. **Year 2**: Currently, no data collection has occurred in Year 2 because of (1) suspension of non-essential human clinical studies until March 2021 and (2) attrition of personnel due to the impact of COVID-19. Resumption of studies will still be at a reduced capacity and subject to specific University mandated decision and monitoring guidelines to assure safety. Quenten Hooker, the primary graduate student responsible for running the study prior to suspension will reinitiate study activities in the next month. He has been working remotely for the last year. He will train other graduate students in all processes of the study. This will require start-up time to become familiar with the procedures again and to train the students because the majority of the trainees and personnel are no longer on campus due to graduation etc.


2. Provide a one-paragraph summary of results or abstract suitable for posting on the Academy website.
There are no results due to suspension of the project by the University due to COVID-19.

3. Attach a list of your publications published or accepted during the past year, or currently being written. Send reprints when available. List presentations made and abstracts accepted for presentation based on this work. Indicate with an asterisk (*) those publications supported by Academy of Orthopaedic Physical Therapy funding.
No abstracts or manuscripts were submitted because the study was suspended due to COVID-19 just at the time full-time recruitment and enrollment had gotten underway.

4. Provide a budget, using the original approved budget. Indicate total funds spent to date per major categories. If there was $\geq 25\%$ deviation (greater or less spent) of use of funds for any of the budget category, please BRIEFLY indicate the rationale. (See example below)

| EXPENSE CATEGORY | Budgeted Amount for Year 1 | Actual Amount Spent in Year 1 | Amount Remaining in Year 1 budget | Budgeted for Year 2 | Projected Expenditure in Year 2 |
|----------------------------------|----------------------------|-------------------------------|-----------------------------------|---------------------|---------------------------------|
| PI and Co-Investigators | Cost-shared | Cost-shared | N/A | Cost-shared | Cost-shared |
| Research assistant salary | \$8,617 | \$895,54 | \$7721.46 | \$8,617 | 0 |
| Lab supplies | \$380 | \$140 | \$240.00 | \$380 | 0 |
| Radiographs | \$7,600 | \$448.32 | \$7152.68 | \$7,600 | 0 |
| Reading of radiographs | \$570 | 0 | \$570.00 | \$570 | 0 |
| Subject remuneration | \$1,900 | \$160.00 | \$1740.00 | \$1,900 | 0 |
| Subject parking & transportation | \$380 | 0 | \$380.00 | \$380 | 0 |
| TOTAL | \$19,447 | \$1,643.86 | \$17803.14 | \$19447 | 0 |

5. Objectives for the next year:
 Our objectives this year are to retrain/train personnel in study procedures and then begin to recruit, collect, process and conduct preliminary analyses on data. Currently our study is classified as “non-beneficial, clinical research” because the study visits do not provide treatment or safety monitoring of the patient’s condition. Research activities for this type of research are limited and require that we follow University-required decision and monitoring guidelines for safety. Given the circumstances, it is difficult to estimate the number of participants we will be able to recruit in the upcoming year. We will keep in close communication with Dr. White about the status of human research activities as they are adjusted to adhere to University guidelines related to COVID-19.



 Your Signature

04/21/2021

 Date