

Clerkship Coordinator Certification Project Abstract

Didacted name

Format: Online Survey and Quiz

Significance:

A diagnostic medicine clerkship is a two-week combined radiology and pathology rotation for M4 students. Radiology, Laboratory Medicine and Pathology play a crucial role in the diagnosis and treatment of patients. In order to better manage patients, it is beneficial that students have basic knowledge of the laboratory and radiology specialties. This rotation will give students a better understanding of how the Pathology and Radiology departments are a crucial part of the medical team.

Rationale:

A diagnostic medicine clerkship is not a common clerkship that is offered at most medical schools but should strongly be considered since it can be beneficial to medical students during their first few years of residency training. This electronic survey and quiz could potentially help identify obstacles when interpreting test results for patients during residency. The study would also evaluate the effectiveness and show the advantages of the Diagnostic Medicine Clerkship at *Didacted University Didacted School of Medicine*.

Objectives:

1. Determine if offering a diagnostic medicine clerkship during medical school is an advantage to students during their residency training.
2. Identify any obstacles residents must overcome that a diagnostic medicine clerkship could help eliminate.
3. Gather data to show the benefits of a diagnostic medicine clerkship during medical school.

Gathering Data:

This research project has been approved by the *Didacted* Health Research Institute Institutional Board. Currently, there are 206 students who have taken the diagnostic medicine course through *Didacted* school of medicine. Both residents with and without a diagnostic medicine clerkship during medical school will be emailed a link to participate in a survey and short quiz. The survey will be used to gather data to determine if there are any educational barriers that students could overcome if they were given the opportunity to participate in the clerkship before residency training. The quiz will determine if there is actual evidence that supports the benefits of a diagnostic medicine clerkship during medical school. The initial study will need >15 participants from each type of category (those who have had a diagnostic medicine clerkship during medical school and those who have not). The study will be an ongoing analysis of the diagnostic medicine clerkship as the program continues to change and improve. With this data we are hoping to create awareness about the benefits of having a diagnostic medicine clerkship during medical school which will hopefully influence other medical schools to consider this clerkship as well.

Data Results:

As the number of graduating students at *Didacted* medical school increases, more data can be obtained through this research. The research will be an ongoing analysis of the clerkship and its benefits to students. When possible, this data can be used to present to other medical schools when considering the addition of a diagnostic medicine clerkship to their medical school curriculum. Also, this data will be used to as part of the yearly curriculum board review at *Didacted* medical school outlining the significance of the clerkship for students. If collected in a timely manner, data and analysis will also be used to present at the annual Group for Research in Pathology Education.

Acknowledgements:

Didacted Name, MD

Director Diagnostic Medicine Clerkship- Pathology

Didacted Name , MD

Director Diagnostic Medicine Clerkship- Radiology

Didacted medical school School of Medicine

Diagnostic Radiology-

Didacted Name MD

Associate Director Diagnostic Medicine Clerkship- Pathology

Didacted medical school School of Medicine

Anatomic Pathology, *Didacted*

Didacted Name

Medical Student

Didacted medical school School of Medicine

Candidate Class of 2020