

Presentation ID: 267

Presentation Format: Poster Presentation

Presentation Title: Teaching a Procedural Tutorial for the Dissection of the Leg Through the Use of a Digital Multimedia Platform

**Commented [SN1]:** Consider rewording the title: Perhaps, 'Using a Digital Multimedia Platform to teach procedures of leg dissection'

The objective of this project is to continue the development of a interdisciplinary medical educational video series for the Doctor of Medicine Undergraduate Program (MDUP). Like before, the video content will consist of a preload anatomy tutorial that students from all MDUP satellite campuses can preview prior to attending the gross anatomy laboratory session. With respect to the content of the video, Dr. Doroudi and I will follow the current gross anatomy laboratory dissection guide to outline and present significant anatomical and physiological components of the pectoralis region and lungs. We hypothesize that students who watch this interdisciplinary video prior to attending the gross anatomy laboratory sessions will be better prepared to utilize their time most effectively and efficiently in the gross anatomy laboratory. In addition, we hypothesize that students will be better equipped to achieve learning outcomes related to the respective gross anatomy laboratory sessions as outlined by the week objectives. The content of this video production can also be incorporated into the curriculum of other disciplines (healthcare related or otherwise) including, but not limited to, the physical therapy programs, doctor of dental medicine (DMD) programs, bachelor of nursing program s(BSN), and undergraduate physiology and kinesiology degree programs, as well as learners around the world as our project products are going to be uploaded on Youtube with public access.

**Themes:**

Check (highlight) the most applicable theme according to the abstract.

<input type="checkbox"/> Innovation and Technology	<input checked="" type="checkbox"/> Health and Wellness	<input type="checkbox"/> Culture and Society	<input type="checkbox"/> Sustainability and Conservation
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Comments:

**A lot of great content, but consider restructuring for greater impact:**

The Doctor of Medicine Undergraduate Program (MDUP) has employed video tutorials including anatomy procedures, to prepare students ahead of attending gross anatomy laboratory sessions.

**Now address why:** The theory is that students who watch these videos will be better prepared to maximise learning from the laboratory sessions, using this time more effectively to achieve learning outcomes.

**Now address aim of this project:** This project produced a video to support the MDUP video series, offering a gross anatomy laboratory dissection guide to outline and present significant anatomical and physiological components of the pectoralis region (use layman terms to explain what this region is here) and lungs.

**What will happen next: Are you measuring student performance?**

**If successful,** The content of this video production can also be incorporated into the curriculum of other disciplines (healthcare related or otherwise) including, but not limited to, the physical therapy programs, doctor of dental medicine (DMD) programs, bachelor of nursing program s(BSN), and undergraduate physiology and kinesiology degree programs.