

A Preparatory Video Curriculum for the Obstetrics & Gynecology Clerkship Ambulatory Experience

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INTRODUCTION

- Many students report feeling underprepared for their ambulatory Obstetrics & Gynecology experience
- With shorter clerkship lengths, orientation time constraints limit the ability to adequately acquaint students to the outpatient setting
- Students value efficient delivery of information and are more engaged in multimedia-enriched learning^{1,2}

OBJECTIVE

To improve the preparation of clerkship students for their ambulatory experience in ObGyn at our institution

METHODS

- A video curriculum was created to disseminate information to students
- The design cycle was used throughout the project
- A student needs assessment determined video curriculum content
- Draft videos were created, then were revised based on student and faculty feedback
- Revised videos were incorporated into the clerkship, evaluated, and revised again
 - Students were asked to view videos before their first outpatient clinic
- A student pre-video and post-video survey was used in the final assessment of the video curriculum



Figure 1 The Design Cycle

METHODS

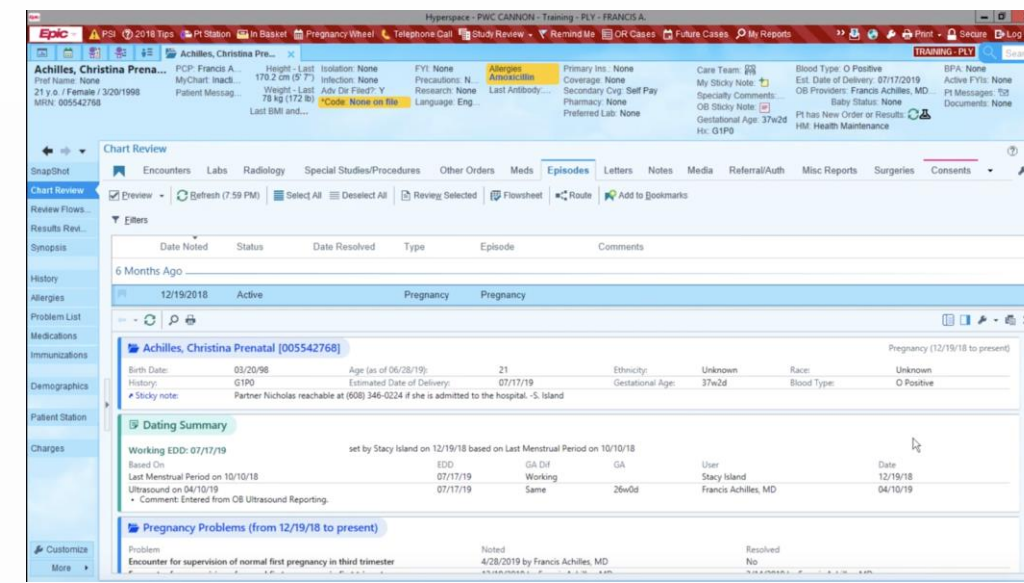


Figure 2 Navigating the EHR on our clerkship



Figure 3 Using outpatient equipment

RESULTS

Figure 4 Video content based on student needs assessment

- Video 1: General orientation to ObGyn clinic**
 - Improved understanding of common outpatient chief complaints and types of visits
 - Clarification about student role during the encounter
- Video 2: EHR navigation and preparation for clinic³**
 - Pregnancy episodes
- Video 3: Instruction on use of outpatient equipment**
 - Exam bed and lithotomy positioning
 - Ultrasound
 - Microscopy
 - Fetal doppler

Figure 6 Pre-Video and Post-Video Survey Results

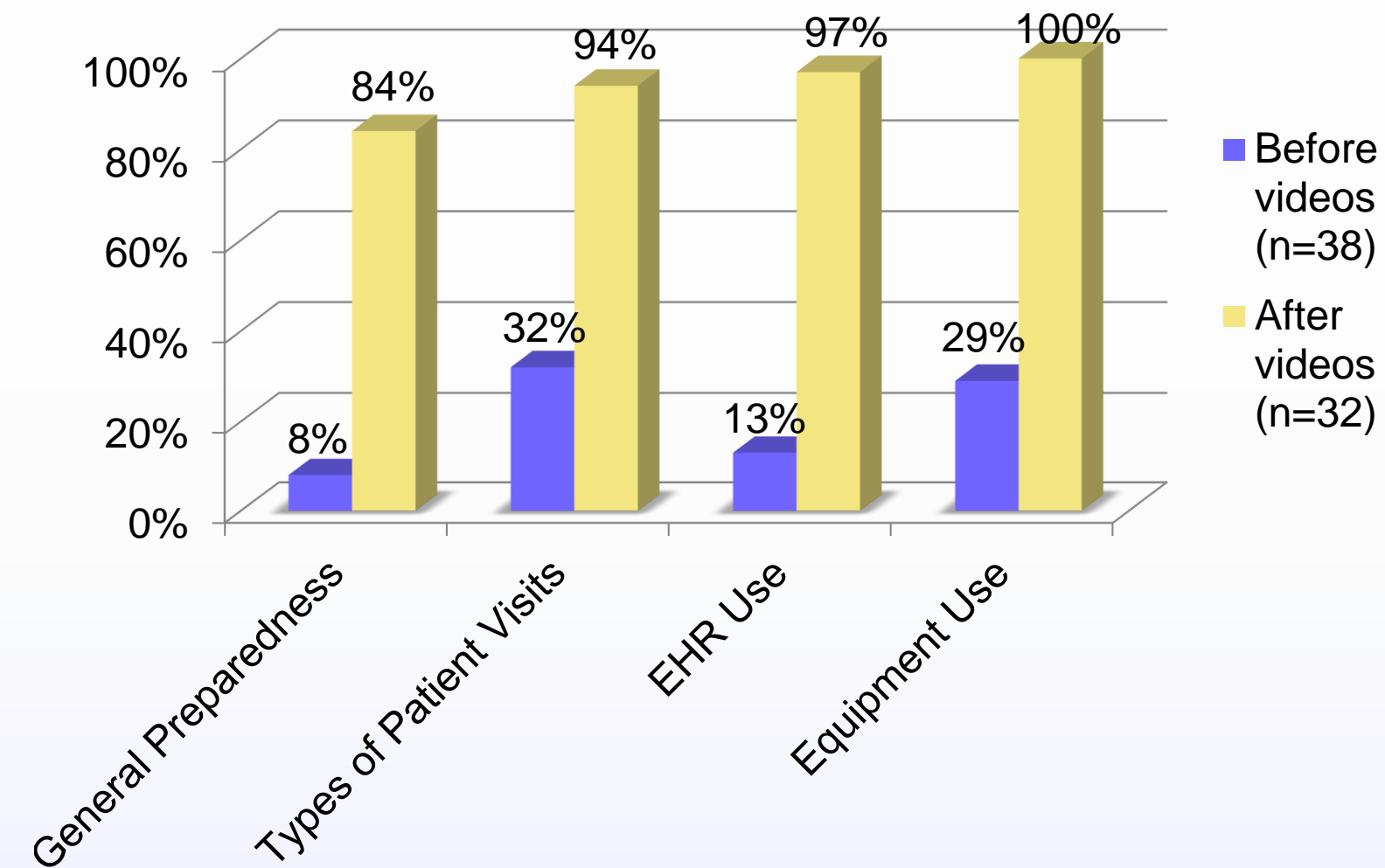


Figure 5 Video Curriculum Survey Results

Statement	% Agree or Strongly Agree (n=97)
I felt more prepared for my ObGyn outpatient clinics after watching the videos.	89%
The videos helped me understand the types of patient visits I would encounter on this clerkship.	89%
The videos helped me develop an effective approach to reviewing pertinent history in a patient's electronic chart.	93%
The videos familiarized me with equipment used in ObGyn outpatient clinics.	92%
The use of video to deliver this information was effective.	94%

RESULTS

- Most students (98%, n=97) reported completing the video curriculum prior to their outpatient experience
- Feedback early in the design cycle indicated the need for shorter videos to facilitate easier reference
- Faculty reported increased student preparedness, especially at the beginning of the clerkship

CONCLUSIONS

- Implementation of a video curriculum to orient clerkship students to their ObGyn ambulatory experience increased student perception of preparedness
- Use of video was effective and efficient
 - There are many other ways videos may be incorporated into our clerkship and others

REFERENCES

1. Wang R et al. Medical students' perceptions of video-linked lectures and video-streaming. *Journal of the Association for Learning Technology* 2010; 18: 19-27.
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3. Buery-Joyner SD, et al. Overcoming Electronic Medical Record Challenges on the Obstetrics and Gynecology Clerkship. *Obstet Gynecol* 2015; 126(3): 553-58.

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