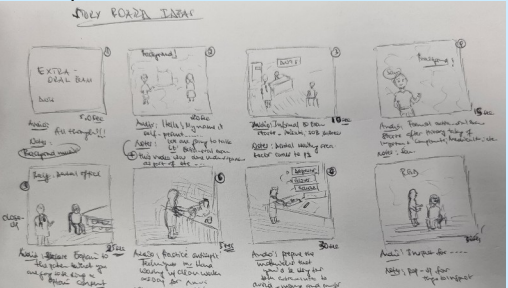


Empowering Medical Students and Enhancing Healthcare Education through Integrated Oral Health Video Production

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INTRODUCTION

- In 2023, oral health faculty from Harvard School of Dental Medicine collaborated with UGHE's e-Learning Department to enhance teaching through IT platforms.
- The interdisciplinary team focused on co-creating a module that integrates oral health education with IT and communication skills.
- The module helps students conceptualize, design, and produce high-quality instructional videos on specific oral health topics.



STUDENTS LEARNED STORYBOARDING

METHODS

Video production steps included: topic assignment, research, storyboard creation, recording, editing, and sharing. Students formed groups, researched oral health topics, and created storyboards to plan deliverables, timelines, labor division, faculty consultations, and equipment use.



RESULTS

- Survey feedback indicated that students found storyboarding and video production challenging due to unfamiliarity with the process and the equipment; yet many felt supported and found the experience creative, educational, and fun.
- The survey responses overwhelmingly highlighted the importance and relatability of medical instructional videos tailored to East Africans. Participants emphasized the need for such content as it provides contextually relevant information and training.
- Students suggested expanding the field to include other video topics such as history taking, physical exams, cardiopulmonary resuscitation, intubation techniques, and introductions to medical sub-specialties.
- Many students expressed the desire to see similar video production modules integrated into other clinical rotations

STUDENTS LEARNED ALL STAGES OF VIDEO PRODUCTION



DISCUSSION

- Limited access to oral healthcare in East Africa stems from a shortage and uneven distribution of providers, along with high direct and indirect costs (Ahluwalia et al., 2018). Using instructional videos to train physicians is one way to address this issue.
- UGHE's state of the art e-learning studio can be used to produce high quality Africa-centric instructional video.

LESSONS LEARNED



STUDENTS CAN PRODUCE QUALITY VIDEO

REFERENCES

- Ahluwalia, K., Mutave, R., Gianfrancesco, C., & Nicholas, S. (2018). Summit to address oral health in East Africa: A framework to integrate oral health and health. Columbia University.

