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A Novel Homemade Program to Accurately Record Resident Conference Attendance

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model was less than ten dollars (US) to build. The models can be maintained in a refrigerated environment for at least 3 days. Desiccation due to refrigeration can be repaired with insufflation of the anterior chamber and/or vitreous with crystalloid solution.

Following the simulation exercise a survey was sent to participating learners. 11 of 19 surveys were returned (response rate 58%)

None of the respondents had performed a corneal rust ring removal.

Following the experience, 91% (10/11) of the trainees reported increased comfort with performing the procedure.

Impact/Effectiveness: Ophthalmologic procedures performed in everyday emergency medicine practice are difficult to simulate. This model provides a resource for faculty to safely guide learners through the details of procedures performed on the eye. It affords trainees the rare opportunity to perform these techniques in a safe environment.

6 A Novel Homemade Program to Accurately Record Resident Conference Attendance

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Background: The Accreditation Council for Graduate Medical Education (ACGME) requires that all residency programs provide didactic conferences for trainees while maintaining an accurate record of resident conference attendance. Resident learners are required to participate in 70% of all scheduled didactics. Attendance data is frequently provided to residents at performance reviews, and the data is reported to the ACGME. Legacy attendance systems typically involve a paper sign-in sheet, which is then manually entered into a spreadsheet. This method has several problems: it requires significant weekly upkeep, lacks easily auditable records should an attendance disagreement occur, a difficulty to determine legitimate versus forged sign-in, and an inability for residents to verify their attendance is recorded accurately.

Educational Objectives: Develop an accurate conference attendance-recording program with the following features:

- Easily auditable records which are immediately transparent
- Quick and easy sign-in with minimal disruption
- Protection against forging conference attendance
- Low requirement for technical knowledge and manual weekly maintenance
- Free and easily replicated with existing technology

Curricular Design: Our innovative conference attendance-recording program replaces manual entry of attendance, is free, and requires no knowledge of coding. The program components are free and require Google Sheets, Google Forms, a QR code generator, and a basic knowledge on scripting or in advanced spreadsheet commands. Learners sign-in to each session by scanning a QR code, and attendance is recorded and calculated in real time. This provides security against multiple sign-ins for a single session, or forging prior check-ins. Residents are able to check their conference attendance at any time.

Impact/Effectiveness: Residents, program leadership, and program coordinators have unanimously provided positive feedback on the new conference attendance program developed by one of our third year residents. The program is accurate, requires minimal oversight, provides immediate attendance calculation, and is transparent. We hope to further disseminate this innovation to other programs in an effort to remedy the "problem" of maintaining accurate conference attendance.