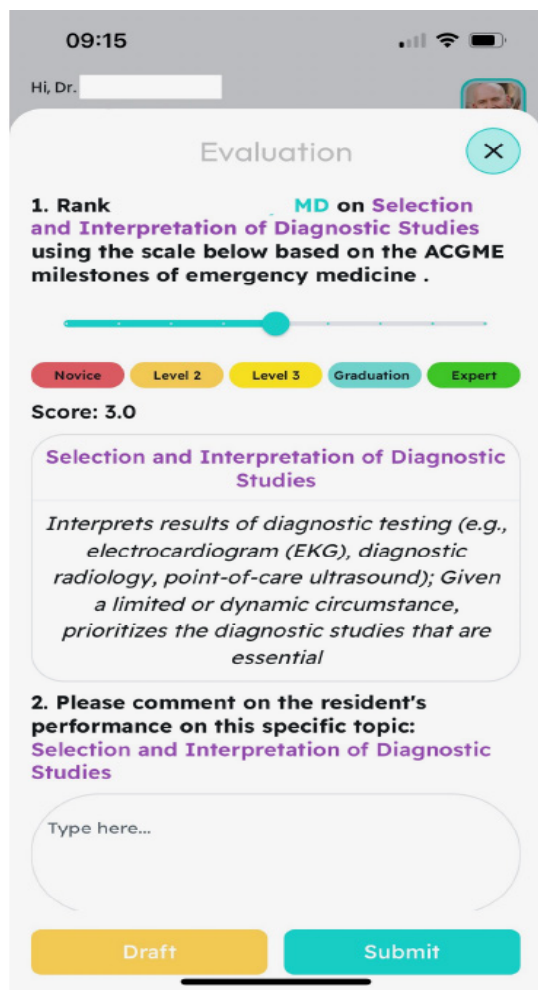


34 Project Emma (Emergency Medicine Milestone Application)

Robert Sobehart, Aleta Mizner

Receiving written and verbal feedback is a crucial aspect of emergency medicine (EM) residents' training. This can be a cumbersome and time consuming process for attending physicians and is often overlooked at the end of a busy



shift. This challenge led to the development of EMMA the Emergency Medicine Milestone Application.

The primary goal of developing this mobile application was to increase the amount and quality of formative feedback, both in real time and through written evaluations. Building on previous research, we sought to build an application that combined timed prompts and short milestone based evaluations to facilitate faculty evaluation of residents during shifts. This was accomplished via grant funding to develop the smart-phone application through a partnership

with data and information science graduate students. In our estimation, there were three critical aspects for application success: shift matching of residents and attendings; beef, targeted evaluations, and time-prompted notifications to complete evaluations and provide verbal feedback. Using the ACGME milestones for emergency medicine, we developed twelve targeted evaluation prompts. Each was mapped to the corresponding milestone and the corresponding shift evaluation card allowed the attending to rate the resident on a likert scale matching the ACGME milestone descriptions. The evaluation card also asked for directed narrative feedback on the prompted topic, provided a reminder for verbal feedback and allowed for additional generalized narrative feedback.

EMMA was officially launched on August 5, 2024 the Allegheny General Hospital Emergency Medicine Residency. The initial implementation included downloading the application on 34 resident and 20 attending faculty cellular devices. Prior to the deployment of EMMA only 19% of resident shifts were captured via the prior evaluation system utilizing a QR code system. Within the first two months of deployment of EMMA 75% of resident shifts were being captured with evaluations via the application with a reported increase in quality of feedback as well. The initial derivation phase of this study is ongoing with completion planned in January of 2025. EMMA an ongoing project in precision medical education with development of metrics and administrative components currently underway.

35 Thinking about the End: Addressing Resident Perceptions of Palliative Care in the Emergency Department

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Introduction: Individuals with poor prognosis diseases will visit an emergency department (ED) at the end of life. Historically, the emphasis for these vulnerable patients was the same for all comers: avoidance of death. However, early initiation of palliative care from the emergency department has been shown to reduce in-hospital deaths and increase overall quality of life. Yet, EM clinicians report feeling unprepared to address the palliative needs of their patients.

Objectives: Our primary objective was to assess the perceptions of palliative care preparedness among EM residents before and after a palliative care training activity.

Methods: This was an observational study at a three-year residency program. The training included a lecture regarding end-of-life issues, a panel discussion with palliative physicians, and simulation scenarios (Figure 1). Residents were asked to participate in a survey regarding their self-efficacy in palliative care both pre- and 3 months post-training. The survey included both the Self-Efficacy in Palliative