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Resident Instruction in Social Emergency Medicine

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RISE-EM

Resident Instruction in Social Emergency Medicine

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- Understanding **social determinants of health** (SDH) and their intersection with emergency medicine, also known as **social emergency medicine** (SEM), is an important area of EM training.
- Despite the requirements of milestones disposition (PC7) and systems-based management (SBP2), **little training material has been made available** to teach this competency.

This innovative, video-based curriculum was created to address the lack of open-access resources for SEM training for EM residency programs nationwide.

Objective: assess the feasibility, acceptability, and efficacy of the RISE-EM curriculum in an EM residency

Design

- **Four 20 minute modules** and a pre-post multiple choice test
- Longitudinal cases reinforce and build upon a conceptual framework throughout the modules
- Recurring “nudges” encourage participants to identify SEM implementation in and out of the emergency department
- Three educational objectives and three skills



Conclusions and Future Direction

This project is a valuable tool EM residencies can use to address milestones PC7 and SBP2 in their curricula.

Numerous sites are planning to use RISE-EM this summer, and the curriculum is being expanded to include discussion questions and supplemental cases.

RISE-EM will be a **comprehensive, multi-media curricular package, easily implemented by any program**

Implementation

- One conference with 48 faculty, residents, and medical students, receiving a **strongly positive reception**
- Six participants completed pre-and post-assessments of SEM knowledge and self-efficacy in addressing SDH in the ED
- **SEM knowledge improved by 3.2 points** on average out of 19 questions ($t(5)=3.63$, $p=0.015$), while **self-efficacy improved by 4.8 points** out of 26 possible ($t(5)=3.24$, $p=0.023$)