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Creating a New Social Emergency Medicine Curriculum: A Needs Assessment

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## 6 Temporizing Medications for Nonpregnant Patients Discharged from the Emergency Department with Abnormal Uterine Bleeding at a Single Urban Teaching Hospital

Adrienne Caiado, Dana Lev-Ran, Gifford Mezey, Joseph Pauly, Joelle Borhart

**Learning Objectives:** To determine if patients evaluated for nonpregnant, abnormal uterine bleeding (AUB) are discharged from the Emergency Department (ED) with medications to temporize or improve their acute bleeding episode.

**Background:** Abnormal uterine bleeding (AUB) is common and has a significant impact on a woman's quality of life. When bleeding is heavy it can be distressing and often prompts visits to an emergency department (ED). Temporizing treatments for AUB include hormonal therapies, such as combination oral contraceptive pills and progestin-only medications, and non-hormonal therapies such as nonsteroidal anti-inflammatory drugs (NSAIDs) and tranexamic acid. It is unclear what percent of these patients are discharged home with a temporizing treatment or if opportunities for improvement exist.

**Objectives:** To determine if patients evaluated for nonpregnant, AUB are discharged from the ED with medications to temporize or improve their acute bleeding episode.

**Methods:** A retrospective chart review of nonpregnant patients who were discharged after ED evaluation for AUB. Medical records were systematically reviewed with a focus on ED evaluation and discharge prescriptions.

**Results:** Of the 100 patients that met inclusion criteria, 94 were included in the final analysis. Of these 94 patients, a total of 24 patients (25.5%) were discharged with a prescription for a medication to treat AUB.

**Conclusion:** In this retrospective chart review of nonpregnant patients presenting to the ED with abnormal uterine bleeding, we analyzed how many received a prescription for a temporizing medication. After analyzing 94 visits for AUB to a major Washington D.C. emergency department, the results support our hypothesis that many of these patients would not receive a prescription at time of discharge. Of the patients who did receive a prescription, the majority were given over the counter NSAIDs with only a third of the patients evaluated being given an OCP or TXA.

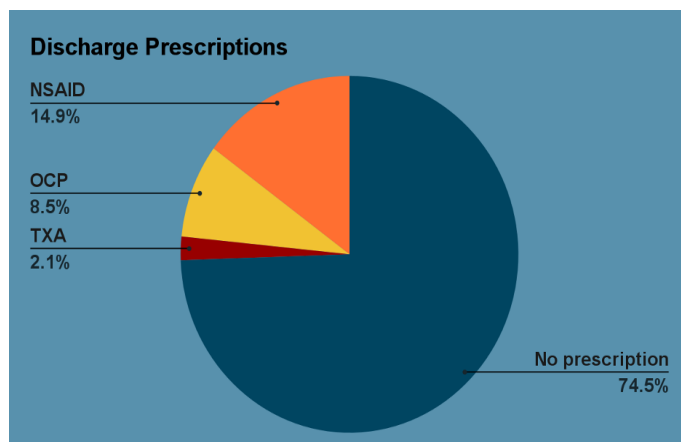


Figure.

## 7 Creating a New Social Emergency Medicine Curriculum: A Needs Assessment

Ashley Vuong-Goldshear, Lauren Fryling, Alexander Garrett, Amanda Amen, Hannah Janeway, Natasha Wheaton, Jaime Jordan

**Learning Objectives:** We sought to understand social EM curricular needs.

**Background:** Addressing social determinants of health is a crucial part of emergency medicine (EM). However, training in social EM is variable.

**Objective:** We sought to understand social EM curricular needs.

**Methods:** We performed a mixed methods needs assessment of residents and faculty at two academic training sites. Residents were emailed an online survey of multiple choice, rating scale, and free response items that was piloted prior to use. We conducted semi-structured interviews with faculty. We performed descriptive analysis on survey data. Two qualitative researchers independently analyzed interview data using a thematic approach. Discrepancies were resolved by in-depth discussion and negotiated consensus. Results: 43 out of 120 residents completed the online survey and 6 faculty were interviewed. 34 residents (79%) stated they were "Not knowledgeable" or "Somewhat knowledgeable" about the field of Social EM. 34 (79%) reported that education in Social EM is "Very" or "Extremely" important to them, and 37 (86%) responded that Social EM is "Very" or "Extremely" important to the field of EM. Faculty reported that Social EM is crucial given its importance to patient health. They felt this

education should be longitudinal and begin early in medical training. Faculty recommended core content, hands-on experiences, and partnering with local community resources. They also noted that leadership support and faculty buy-in was important to the success of Social EM education.

**Conclusion:** Residents and faculty believe Social EM is a cornerstone of emergency medicine. Important curricular areas and educational strategies were identified. These results can inform the development of formal Social EM curricula.

## 8 Female Mentorship in Academic Emergency Medicine

*Adrienne Caiado, Dana Lev-Ran, Gifford Mezey, Joseph Pauly, Joelle Borhart*

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**Conclusion:** Residents and faculty believe Social EM is a cornerstone of emergency medicine. Important curricular areas and educational strategies were identified. These results can inform the development of formal Social EM curricula.

## 9 Improving Diversity Consciousness: Initiatives for Increasing Emergency Medicine Residency Diversity Recruitment

*Adrienne Caiado, Dana Lev-Ran, Gifford Mezey, Joseph Pauly, Joelle Borhart, Kathryn Sulkowski*

**Learning Objectives:** To increase diversity within the UNLV EM residency program, defined as increasing underrepresented in medicine (defined by the American Medical Association as Blacks, Mexican Americans, Native Americans, and mainland Puerto Ricans) interviewees.

**Background:** The percentage of emergency medicine (EM) physicians from underrepresented minority (URM) groups is small and has not significantly increased over the past 20 years despite much evidence describing the advantages of a diverse workforce.

**Objectives:** It was hypothesized that the percentage of URM interviewed would increase after implementation of the rubric and diversity initiatives.

**Methods:** During the 2020-2021 academic year (July 2020-June 2021) a multitude of changes were implemented with the goal of increasing diversity within the UNLV EM residency program. Changes implemented included: the creation of a rubric utilized by faculty for the interview selection process, implementation of a longitudinal diversity and equity (DICE) curriculum, creation of a social EM elective for fourth year medical students and coordination of an URM second look day. The percentage of URM interviewees was calculated and compared for the 2019-2020 and 2020-2021 interview seasons.

**Results:** In 2019-2020, 119 total applicants were interviewed of which 16 identified as an ethnicity considered URM. In 2020-2021, 143 total applicants were interviewed, of which 17 identified as URM. The number of URM interviewees after 1 year of rubric implementation did not change in a statistically significant way (14% 2019-2020 vs 12% 2020-2021,  $p=0.568$ ).

**Conclusions:** Diversity and equity within a residency program are multifactorial and changes need to be maintained and implemented longitudinally. Rubrics are a method to attain a “holistic review” of a residency applicant and can improve objectivity in residency applicant evaluation by decreasing implicit bias. Curriculum changes and implicit bias training create a lasting impact by gradually changing viewpoints, opening dialogue and increasing knowledge about topics traditionally not taught in medical education. This reinforces that change is slow and multifactorial with no one change making immediate progress.