Introduction to the Emergency Medicine Team Approach for Research & Healthcare Delivery: A Summer Immersion Experience for Medical Students

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BACKGROUND
- **Team work** is critical in the emergency department (ED) for providing patient care understanding and early exposure to **interdisciplinary collaboration** is essential for future physicians
- Generally, there is a lack of experiences provided to medical students to engage in team-based medicine
- Therefore, we sought to develop a summer immersion experience for rising MS2 students

GOAL
- Facilitate exposure to **team-based medicine** in the emergency department
- Exposure to various members of the emergency healthcare team
- Gain experience in the fast-paced environment of the ED
- Provide experience with **emergency care research** and tangible product (poster, manuscript draft) at end of 10-week program

METHODS
- Designed a highly-competitive summer program – combines **research + clinical experience**
- Students participate in prospective clinical and retrospective studies with faculty and resident mentors
- Students learn about roles of the physician, *nursing*, pharmacists, respiratory therapy, techs in clinical environment
- Gain exposure to **statisticians**, ethicists, foundational scientists through one-on-one interactions and weekly didactic learning sessions

FININDS
- Total of 22 students participated in 10-week Summer Program during 2017-2018-2019
- All students completed the clinical experience and all students presented their research as a poster at program completion
- 7 students have presented their projects at national conferences
- After completion of program, 88% of students expressed interest in EM residency

CONCLUSIONS
- Provided interdisciplinary team approach in EM
- Improved understanding of healthcare delivery, EM as a career, and clinical research at an academic health center
- First cohort follow-up – April 2020 after Residency Match

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