Palliative Medicine Competency Education in Emergency Medicine Residency Training: A Preliminary Report

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BACKGROUND
- >75% of patients visit ED in last six months of life
- Two-thirds of patients who visit ED in last six months of life, die while hospitalized
- EM residents are group of learners requiring training in HPM
- Development of clearer definition of educational needs of EM residents in HPM identified as priority for emergency medicine

OBJECTIVES
- Describe HPM training in EM programs
- Describe Four Domains of HPM training in EM programs
  a. Importance of specific HPM competencies for senior EM residents
  b. Senior resident skill level in specific HPM competencies
  c. Effectiveness of different educational methods for HPM training
- Barriers to HPM training
- Investigate whether specific program, institution, and education leaders’ characteristics are associated HPM competency training in EM

METHODS
Setting and Study Population
- IRB approved, cross-sectional, mixed-mode survey
- American Osteopathic Association (AOA/DO) and Accreditation Committee on Graduate Medical Education (ACGME/MD) accredited EM residencies in U.S.
- Program Directors (PDs), Associate Program Directors (APDs), and Assistant Program Directors (pAPDs)
- Survey distributed via website, mail, and in-person
- Collected demographic variables, institutional characteristics, and questions in four domains

RESULTS

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<th>Table 1. Title</th>
<th>Variable</th>
<th>N</th>
<th>US Region</th>
<th>ED Site Type</th>
<th>Program Accreditation</th>
<th>Gender</th>
<th>Resident Competency HPM Importance (summary) (mean, 95% CI)</th>
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<th>Table 2. Title</th>
<th>Variable</th>
<th>N</th>
<th>Paper survey</th>
<th>Web-based</th>
<th>(n=121)</th>
<th>(n=80)</th>
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DISCUSSION

Potential Limitations
- Survey research
- Response bias
- Comparisons of responders and non-responders

Implications for HPM Education in EM Residencies
- Educational interventions can improve EM residents’ mastery of HPM
- Equip EM residents with primary palliative care skills
- Results of this study inform EM education leaders for integration of HPM competency training into EM residency curriculum

FUTURE DIRECTIONS
- Collaborative curriculum development
- Potential for delivery as M-learning (e.g. podcasts)
- Focus-groups with patients and families

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