
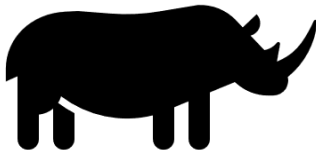





Learner and Teacher Concordance in Endocrine Surgery
Entrustable Professional Activities (EPAs)
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Introduction

- Entrustable Professional Activities (EPAs) are essential tasks of a discipline that an individual can be trusted to perform independently in a given context
- 10 Core American Association of Endocrine Surgeons EPAs cover:
- 
Thyroid


Parathyroid


Adrenal
- 
Pre-operative Phase


Intra-operative Phase


Post-operative Phase
- Aim: Examine trainee and supervisor entrustability rating concordance to explore accuracy of trainee self-assessment

Methods

- Ten institutions collected 3-item micro-assessments (MAs) of trainee EPA performance using a web-based platform and smartphone app
- Trainees assigned a self-assessment rating
- Supervisors separately assigned ratings for the same activities
- Spearman rank correlation tests were applied to EPA entrustment ratings

Results

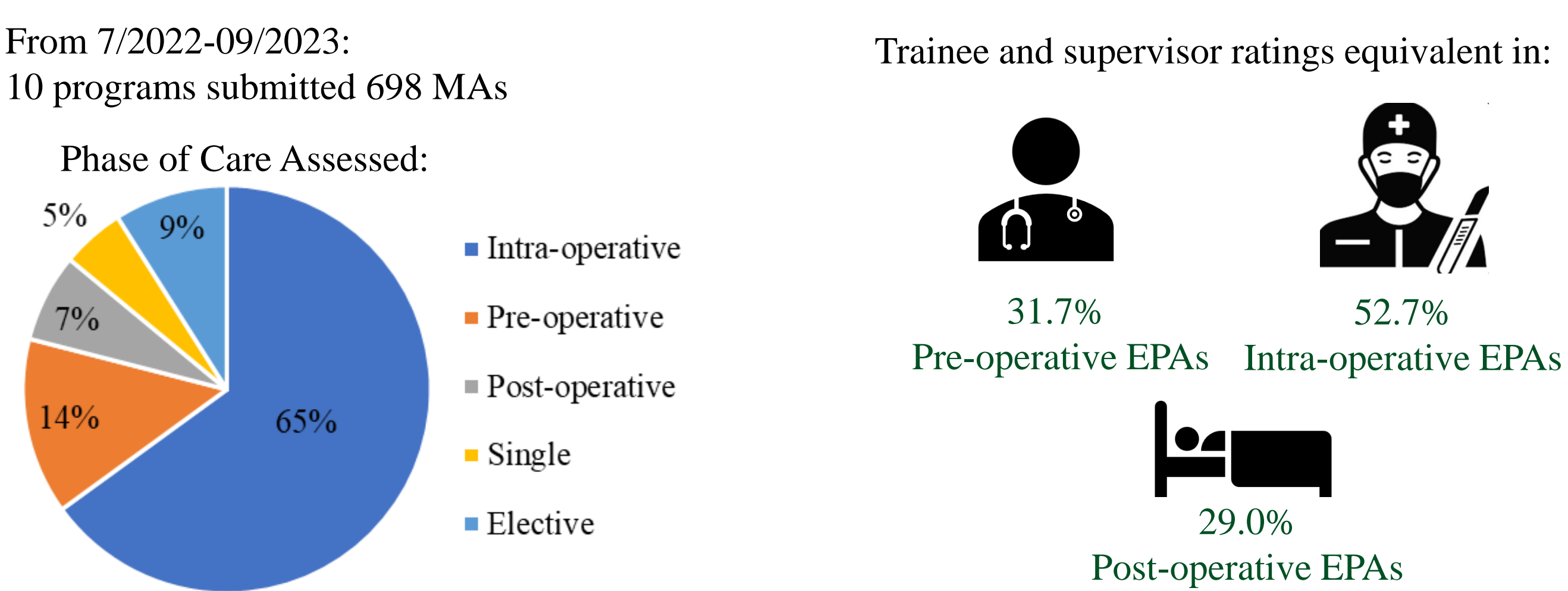


Table 1. Spearman rank correlation between supervisor and trainee ratings

Group	Spearman Rank Correlation Coefficient
Pre-Operative Phase (n=108)	0.27
<i>Intra-Operative Phase (n=496)</i>	<i>0.73</i>
Post-Operative Phase (n=55)	0.21
<i>All Phases Combined (n=659)</i>	<i>0.67</i>

Conclusions

- Faculty & trainee EPA MA entrustment ratings were most strongly correlated in the intra-operative phase, as these may involve greater trainee observation.
- Faculty & trainee EPA MA entrustment scores correlated poorly for pre- and post-operative phases, which represents an opportunity for how observation is conducted at these times.