Introduction

- Entrustable Professional Activities (EPAs) describe essential routine tasks that a practicing physician is expected to execute independently.
- EPAs for the pediatric subspecialties include:
  - 7 common to all
  - 3-6 subspecialty-specific
- Supervision scales have been proposed to assess the level of supervision as a trainee progresses.
  - e.g., direct versus indirect supervision.
- No additional faculty development.
- Data collection in fall 2014 & spring 2015.

Methods

Data Collection for Evaluation

- One week before CCC meeting, Fellowship PDs assigned level of supervision for each fellow for the 6 EPAs.
- CCC then assigned level of supervision for each fellow at the EPAs at CCC meeting.
- No additional faculty development.
- Data collection in fall 2014 & spring 2015.

Data Analysis

- Internal reliability: Cronbach's alpha.
- Multivariate inter-rater reliability: Jason & Olsson's iota.
- Group comparisons: Kruskal-Wallis & Wilcoxon tests.

Results

- Separate 5-level scales were developed since no single scale was felt applicable to all EPAs.

Conclusions

- Supervision scales for 6 common pediatric subspecialty EPAs were developed.
- Internal and inter-rater reliability were high.
- Both content and construct validity were demonstrated.
- These scales are valid, reliable and feasible for use in EPA-based assessment of pediatric subspecialty fellows.

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- Abroadwide: Mark F. Schwartz, MD, PhD, Cardiology; Gina B. Allen, MD, MPH, Child Abuse, Bruce Herman, MD, Critical Care; David Turner, MD, Developmental & Behavioral Pediatrics; Ali Nabi, MD, MPH, Dan Isacson, MD, Endocrinology; Diane Enzmann, MD, Tumor, Children’s Cancer Program; Lisa Fadeley, MD, Hospital Medicine; Susan DeWitt, MD, Pediatrics, UNC School of Medicine; Kristin T. Fairchild, MD, Pediatrics, Wake Forest University; Robert Faust, MD, Pediatrics, University of Kentucky; Jonathan D. Galler, MD, Pediatrics, University of Minnesota; Alashin, MD, Pediatrics, New York University; Adam J. Girod, MD, Pediatrics, University of California, San Francisco; Adam F. Graff, MD, Pediatrics, University of Colorado; Andrew Gray, MD, Pediatrics, University of Texas Southwestern Medical Center; Amanda Greulich, MD, Pediatrics, University of California, Davis; Danielle Haddad, MD, Pediatrics, Harvard Medical School; David Hargreaves, MD, Pediatrics, University of Washington; Lukas W. Hergenroeder, MD, Pediatrics, University of Texas Southwestern Medical Center; Emily E. Heslin, MD, Pediatrics, University of Texas Southwestern Medical Center; Shannon C. Hesler, MD, Pediatrics, University of Texas Southwestern Medical Center; Jason Chun, MD, Pediatrics, University of California, Los Angeles; Jennifer C. Kesselheim, MD, Pediatrics, University of California, San Francisco; Travis R. Kikta, MD, Pediatrics, Columbia University Medical Center; Michael R. Kok, MD, Pediatrics, University of California, San Diego; William L. Kraker, MD, Pediatrics, University of California, San Francisco; William G. Kugler, MD, Pediatrics, University of Wisconsin-Madison; Matthew V. Kulick, MD, Pediatrics, University of Colorado; John G. Kuyper, MD, Pediatrics, University of California, San Francisco; Matthew A. Laidlaw, MD, Pediatrics, University of California, San Francisco; Mark A. Ladd, MD, Pediatrics, University of California, San Francisco; Adam M. Lang, MD, Pediatrics, University of California, San Francisco; Robert A. Law, MD, Pediatrics, University of California, San Francisco; Robert A. Lee, MD, Pediatrics, University of California, San Francisco; Jennifer Lynn, MD, Pediatrics, University of California, San Francisco;Probably:
- Alan Schwartz; ABP: Carol Carraccio; APPD Fellowship Committee: Bruce Herman; CoP: Richard Mies.

Collaborators

- ScholarMed: Seth Chi, Cardiology; Gino Billa, Child Abuse, Bruce Herman, Critical Care; David Turner, Developmental & Behavioral Pediatrics; Ali Nabi, MD, MPH, Dan Isacson, MD, Endocrinology; Diane Enzmann, MD, Tumor, Children’s Cancer Program; Lisa Fadeley, MD, Pediatrics, UNC School of Medicine; Kristin T. Fairchild, MD, Pediatrics, Wake Forest University; Robert Faust, MD, Pediatrics, University of Kentucky; Jonathan D. Galler, MD, Pediatrics, University of Minnesota; Alashin, MD, Pediatrics, New York University; Adam J. Girod, MD, Pediatrics, University of California, San Francisco; Adam F. Graff, MD, Pediatrics, University of Colorado; Andrew Gray, MD, Pediatrics, University of Texas Southwestern Medical Center; Amanda Greulich, MD, Pediatrics, Harvard Medical School; David Hargreaves, MD, Pediatrics, University of Washington; Lukas W. Hergenroeder, MD, Pediatrics, University of Texas Southwestern Medical Center; Emily E. Heslin, MD, Pediatrics, University of Texas Southwestern Medical Center; Travis R. Kikta, MD, Pediatrics, Columbia University Medical Center; Michael R. Kok, MD, Pediatrics, University of California, San Diego; William L. Kraker, MD, Pediatrics, University of California, San Francisco; William G. Kuyper, MD, Pediatrics, University of California, San Francisco; Matthew A. Laidlaw, MD, Pediatrics, University of California, San Francisco; Mark A. Ladd, MD, Pediatrics, University of California, San Francisco; Adam M. Lang, MD, Pediatrics, University of California, San Francisco; Robert A. Law, MD, Pediatrics, University of California, San Francisco; Robert A. Lee, MD, Pediatrics, University of California, San Francisco; Jennifer Lynn, MD, Pediatrics, University of California, San Francisco;Probably:
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Levels of supervision assigned by CCC by year of training in the fall and spring for 3 of the EPAs.

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