

Best Practices for Assessment of Interprofessional Team-ready Behaviors on APPEs

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BOTTOM LINE

- No statistical difference in preceptor preference to either validated tool to assess an individual students' collaborative behaviors
- However, utilizing a tool along with preceptor training, enhanced feedback provided to students
- Additional research is needed for *best practices* to emerge

OBJECTIVES

- Compare the usefulness of the modified interprofessional collaborator assessment rubric (mICAR)¹ to the individual teamwork observation and feedback tool (iTOFT)²
- Determine best practices for assessment of team-ready behaviors of pharmacy students participating in interprofessional advanced pharmacy practice experiences (APPEs)

METHODS

May 2017

- Preceptors from a variety of practice settings recruited via email
- Preceptors trained on mICAR and iTOFT

June -
October 2017

- Preceptors complete mICAR or iTOFT at midpoint and end of rotation
- Preceptors complete utility surveys for mICAR and iTOFT

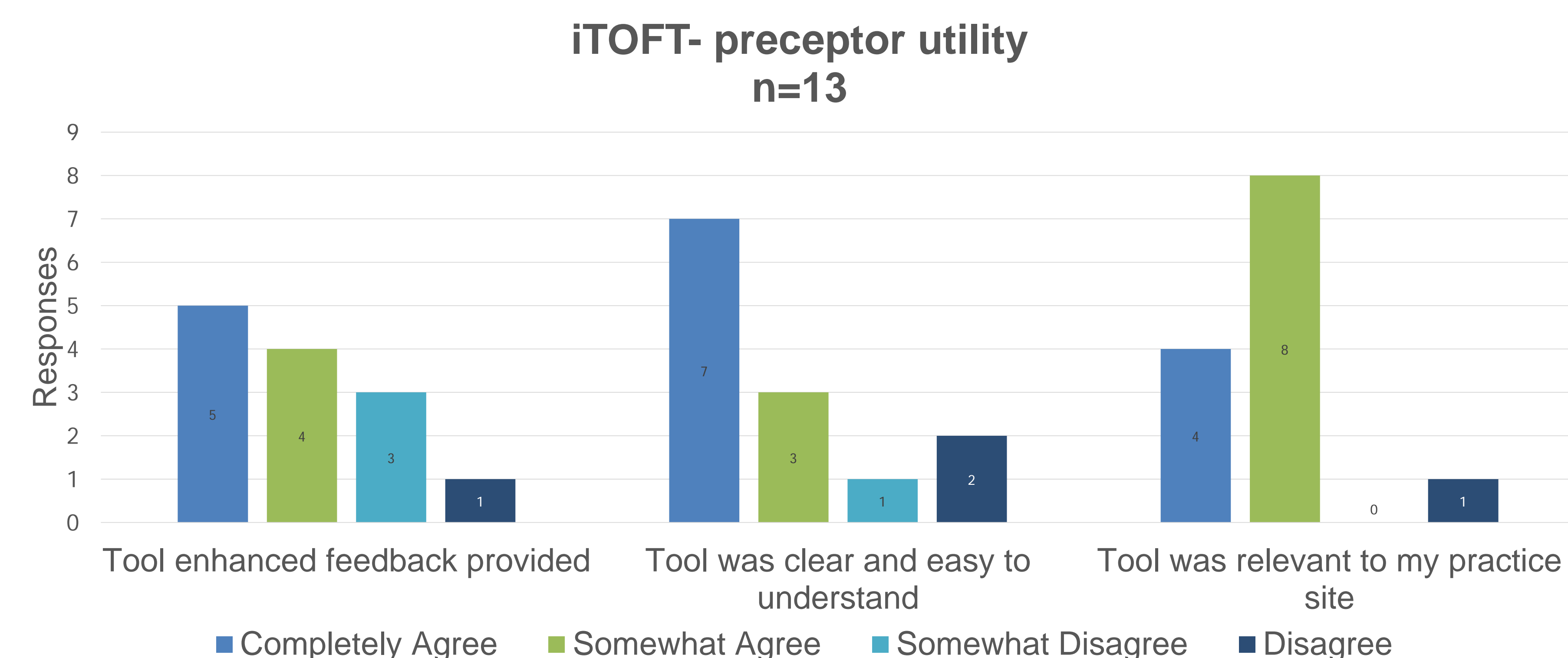
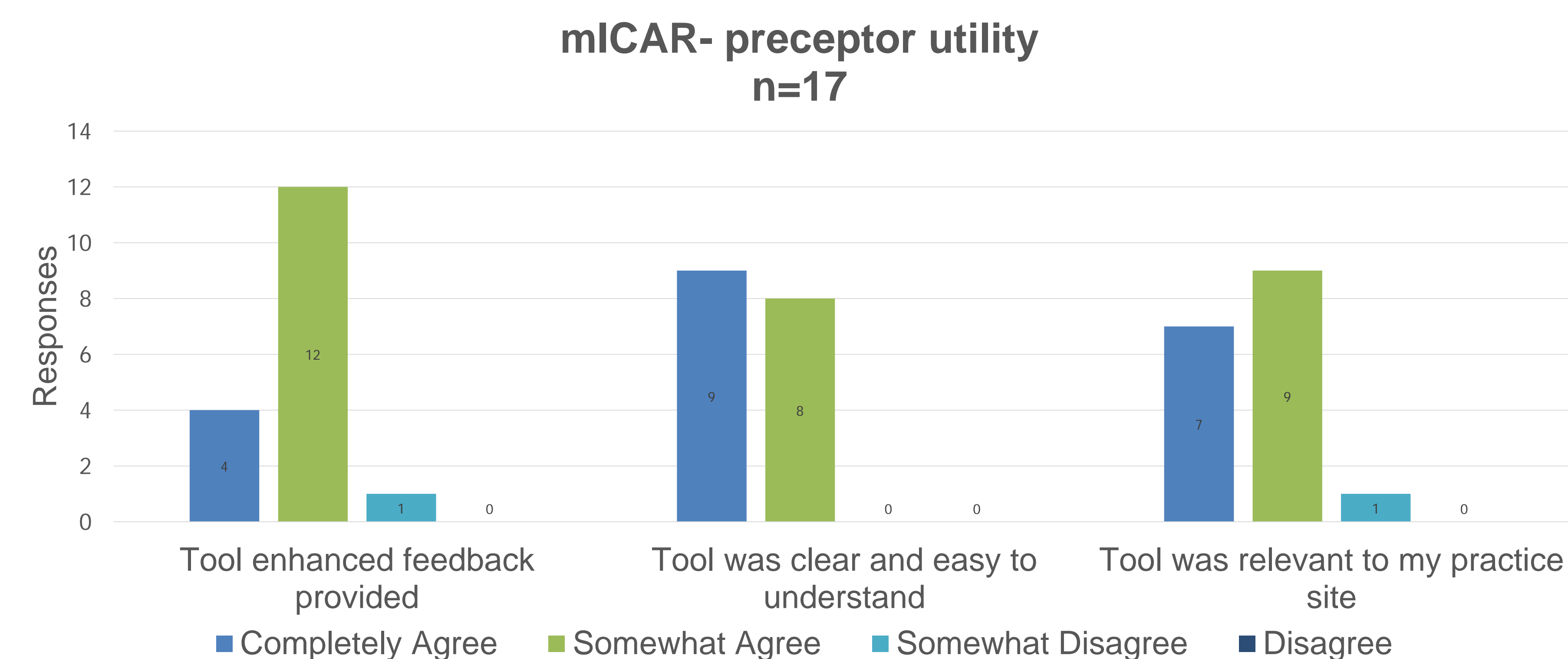
November
2017

- Focus group with subset of preceptors
- Preceptors from various practice settings
- Data analyzed via SPSS using paired t-tests

January 2018

- Four IPE experts interviewed on perceived *best practices*
- Results presented to ACPE staff, then discussion on *best practices*

RESULTS



Comparison of Usefulness of mICAR to iTOFT (n=12)^a

Question	mICAR mean	iTOFT mean	T statistic	P-Value
Enhanced Feedback	1.82	2	0.58	0.57
Easy to understand	1.47	1.85	1.10	0.29
Relevant to practice	1.65	1.85	0.75	0.46

a. 1= completely agree 2= somewhat agree 3= somewhat disagree 4= disagree

RESULTS

Focus group themes (n=8)

- Preferred mICAR to iTOFT
- Using a tool **enhanced** student feedback
- Using a tool **increased exposure** to interprofessional collaborative practice
- Tool needs to be **easy** to use (short, simple, clear)

IPE experts & ACPE staff themes

- Tool should be **imbedded** into existing APPE Evaluation
- Tool should **capture/align** with IPEC competencies
- Tool must be applicable to **all health professions**
- Tool needs to be **easy** to use (short, simple, clear)
- Tool can be used in **360°**- evaluation of individual and team

IMPLICATIONS

- Preceptors preferred mICAR to iTOFT, though no significant differences were observed
- Experiential Education programs should consider implementing a tool to assess team-ready behaviors and ensure preceptors are trained how to use the tool
- Future steps include:
 - Align tool with IPEC competencies and Entrustable Professional Activities
 - Use tool in 360-evaluation of learner by preceptors in other professions

REFERENCES

1. Hayward M, Curran V, Schulz H, et al. Reliability of the interprofessional collaborator assessment rubric (ICAR) in multi-source feedback (MSF) with post-graduate medical residents. BMC Medical Education. 2014;14:1049
2. Thistlethwaite J, Dalles K, Moran M, et al. Introducing the individual teamwork observation tool (iTOFT): development and description of a new interprofessional measure. J of Interprof Care. 2016;30(4):526-528

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