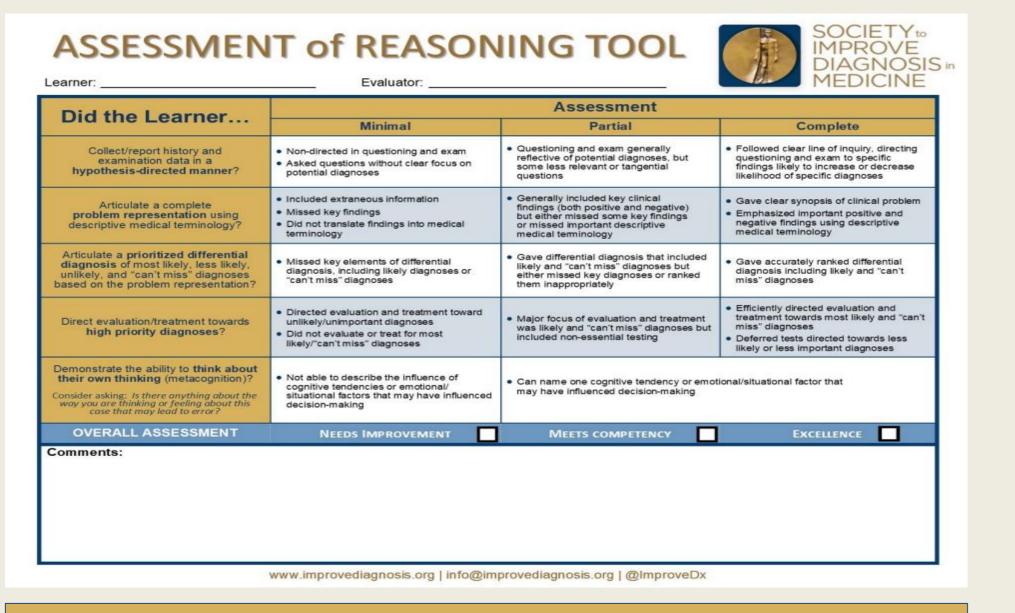


Evaluating A Workplace-Based Assessment Tool to Facilitate Feedback on Resident Clinical Reasoning Skills: A Mixed Methods Study using the Pragmatic Lens



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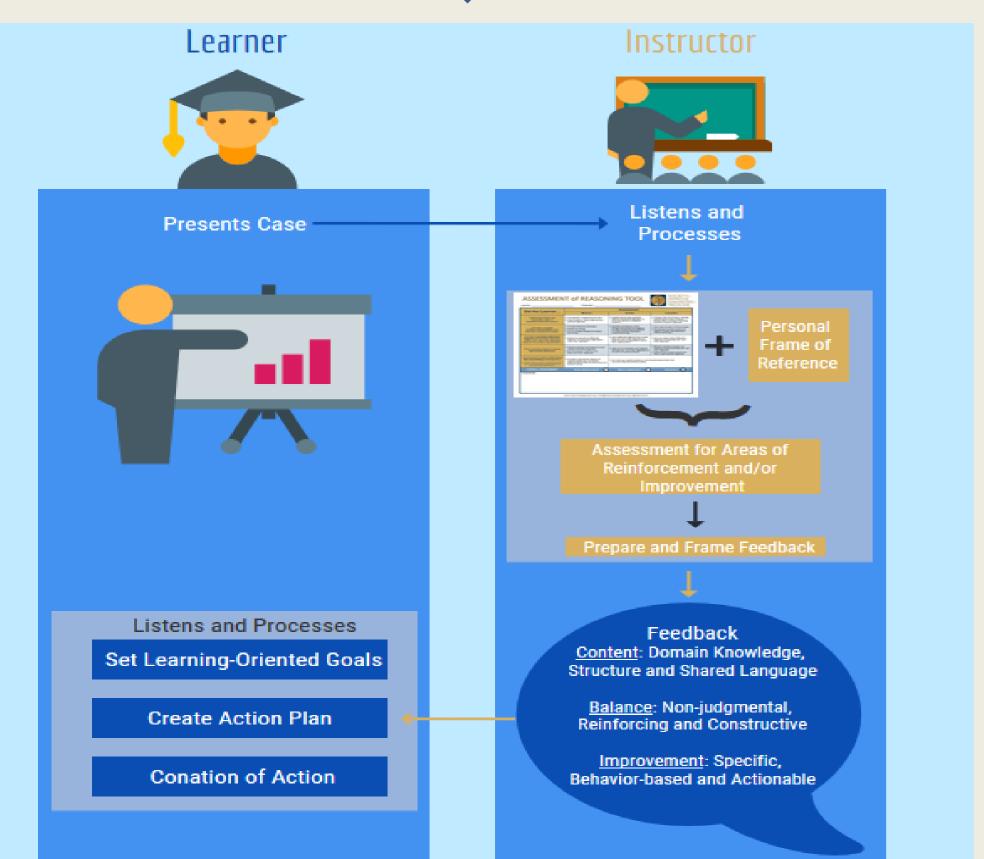
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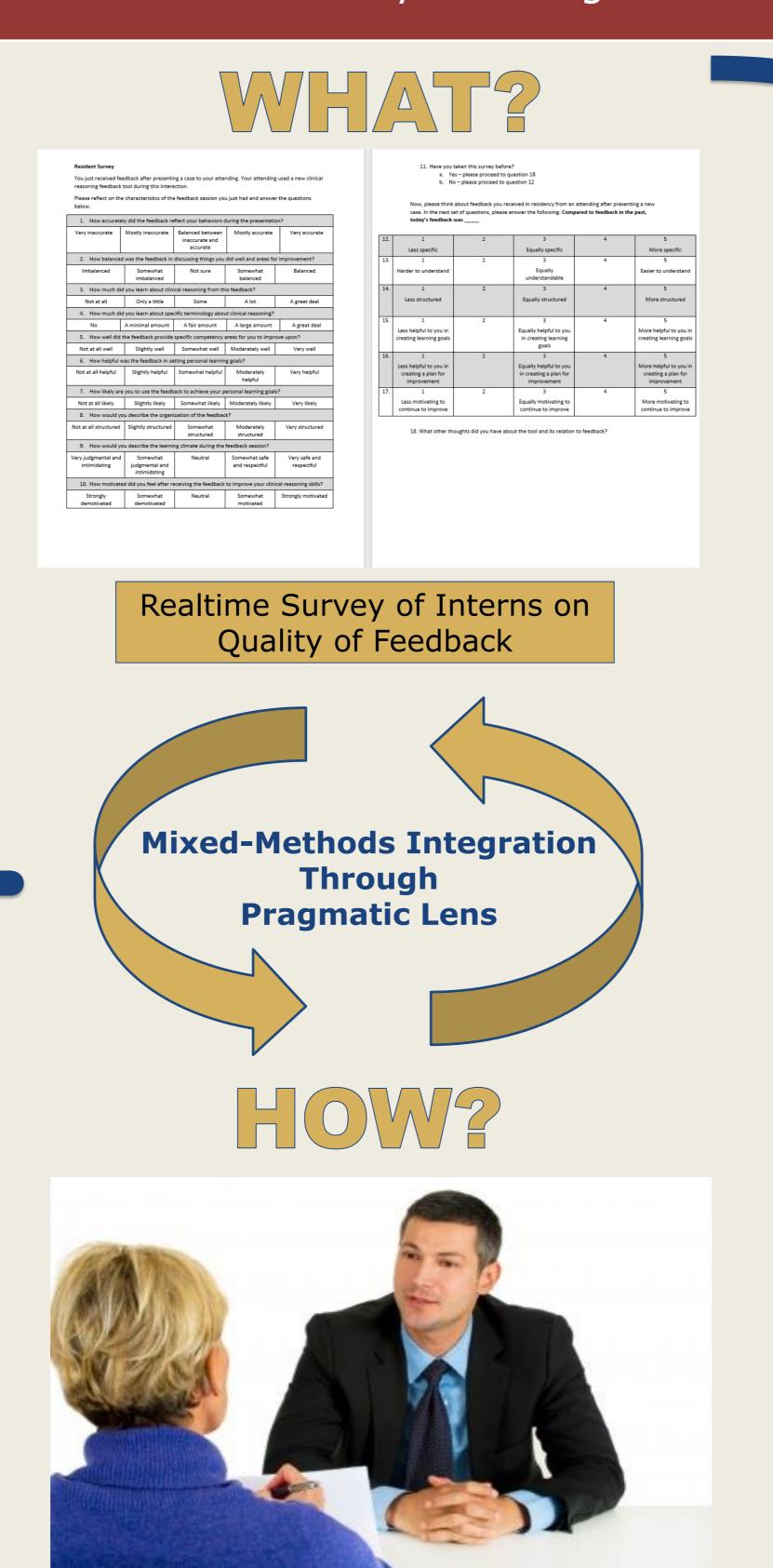


The Assessment of Reasoning Tool (ART):

- Validated assessment-for-learning tool for clinical
- Provides a clear structure, specific domains of behaviors and shared language for teachers and learners to discuss learner performance







Qualitative Semi-Structured

Interviews of Faculty Users

RESULTS

Questions Regarding Characteristics of ART Feedback (n=52)				
Question	Mean (SD)	% Rating 4 or 5		
Accuracy	4.4 (0.8)	92		
Balance between Reinforcing and Constructive	4.7 (0.6)	96		
Learning about Clinical Reasoning	3.9 (0.9)	60		
Learning about Clinical Reasoning Terminology	3.3 (1)	37		
Provision of Specific Areas of Improvement	4 (0.9)	79		
Helpful in Setting Learning Goals	4.1 (1.0)	71		
Likelihood in Using the Feedback to Achieve Goals	4.3 (0.9)	77		
Organization	4.6 (0.7)	92		
Safety of Learning Climate	4.7 (0.7)	92		
Motivated to Improve Reasoning Skills	4.4 (0.6)	92		
Questions Comparing ART Feedback to Prior Feedback (n=38)				
Question	Mean (SD)	% Rating of 3	% Rating Greater than 3	
Specificity	3.75 (1)	24	74	
Understandability	3.4 (1.1)	42	53	
Structure	3.6 (1.1)	34	66	
Helpful in Creating Learning Goals	3.6 (1.1)	37	58	
Helpful in Creating Plan for Improvement	3.5 (1.1)	32	63	
Motivation towards improvement	3.6 (1.2)	34	63	

Theme	Description
A Framework	The ART provided a framework which helped with the provision and organization of feedback. It was consistently used as a reference to guide the discussion and help place the intern's into categories that can be used to frame the next steps.
Existing Practices	Many felt the ART resonated well with their existing thoughts and practices regarding clinical reasoning and feedback. Those who had less experience with giving feedback on the subject still felt that the tool's structure made intuitive sense.
Similar Barriers to other Feedback Attempts	Barriers that were mentioned include time, inter-faculty variability in the use of the tool, and work-load of the interns

CONCLUSIONS

The ART allowed for feedback the was perceived to be helpful and well-organized likely due to its intuitive structure and ability to provide a framework for learning and growth.