

do they actually DO it: Evolving trauma-informed care education through development and validation of an observational rubric tool

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Introduction

Trauma-informed care (TIC) involves universal precautionary behaviors used to deliver effective care and has potential to improve patient engagement, adherence, and health outcomes. (1) High prevalence of traumatized patients in primary care. Pre-covid studies show ranges from 14 to 44%. (2) In our clinic 97% have experienced at least one major trauma, majority 3+.

TIC approach has been successfully adapted to medical settings. (3)

Lack of physician training in TIC methods.

The objective of this project was to develop and determine a pilot reliability assessment of a TIC behavioral rubric tool.

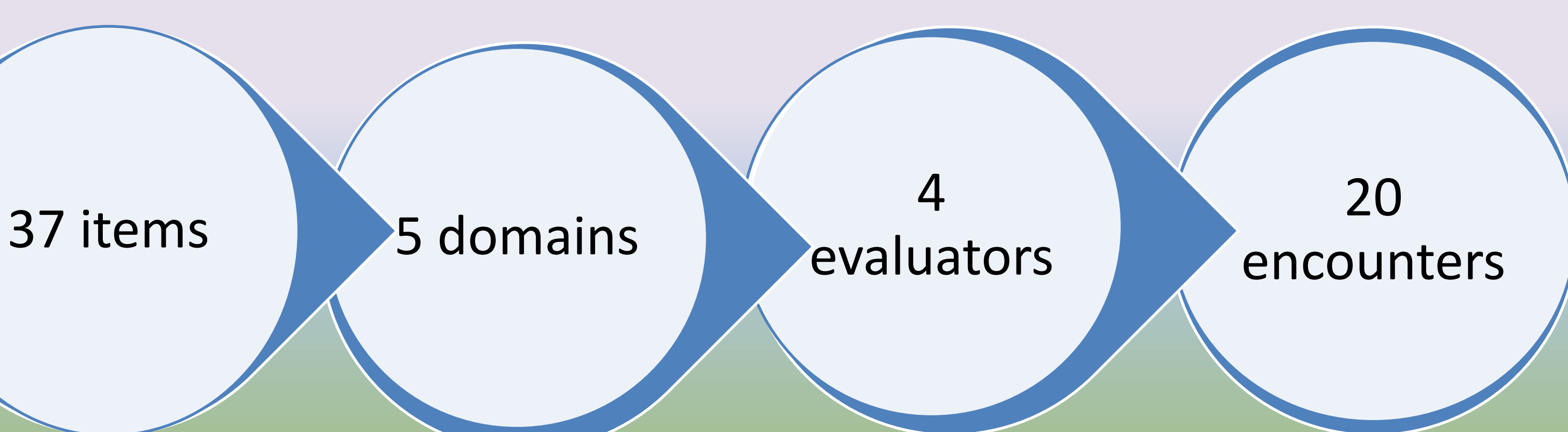
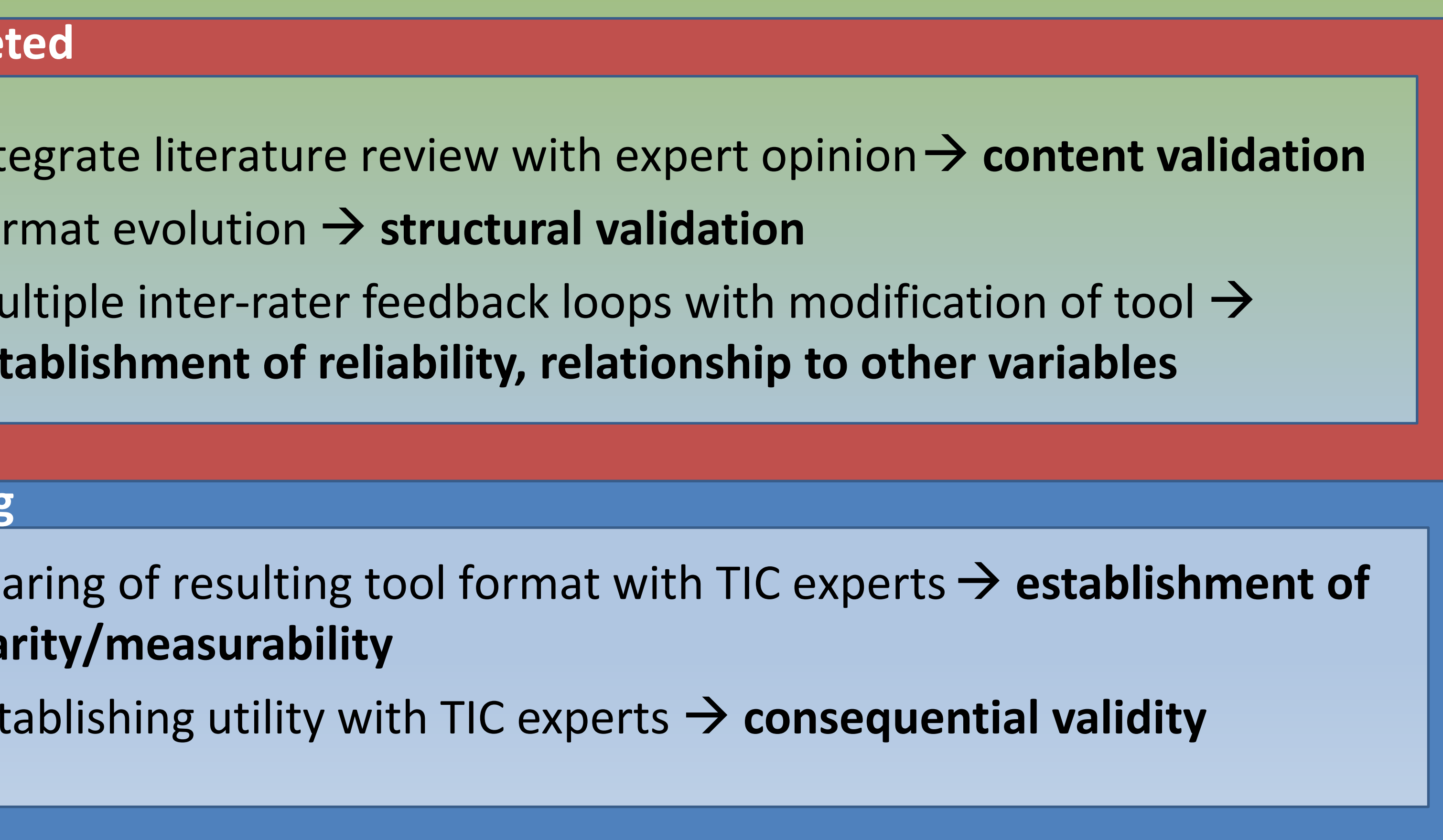
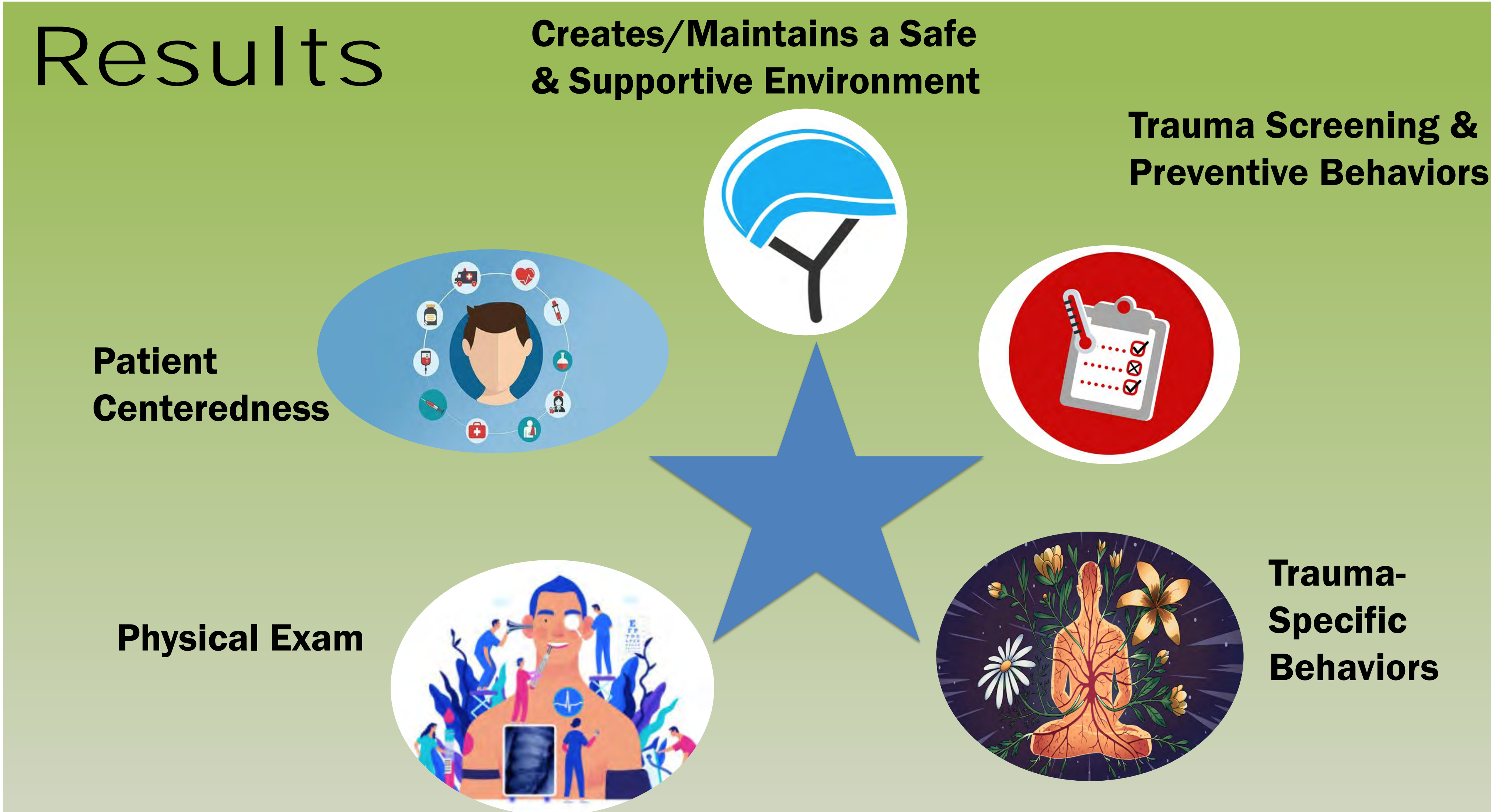


Fig 1: Items, Domains, Evaluators, Encounters

Methods



Results



Domain	2. Trauma Screening & Preventive Behaviors	3. Trauma-Specific Behaviors If Trauma Disclosed	4. Patient-Centeredness	5. Physical Exam/Touch
1. Creates/Maintains a Safe & Supportive Environment	.55*	.57*	.13	.36
2. Trauma Screening & Preventive Behaviors		.71*	.34	.20
3. Trauma-Specific Behaviors - If Trauma Disclosed			.24	.07
4. Patient-Centeredness				.53*

* Correlation is significant (p<0.050)

Table 1: Inter-domain Pearson Correlations

Limitations

- Pilot study- Small sample.
- Disagreement areas between reviewers.
- Video quality.

Domain	Intraclass Correlation Coefficient
1. Creates/Maintains a Safe & Supportive Environment	.39*
2. Trauma Screening & Preventive Behaviors	.64*
3. Trauma-Specific Behaviors - If Trauma Disclosed	.60*
4. Patient-Centeredness	.27*
5. Physical Exam/Touch	.63*

Table 2: Intraclass Correlation Coefficients

Discussion

- TICOF is the first known observable TIC skill rubric tool.
- Pilot reliability testing shows statistically significant overall tool and individual domain-level agreement as well as several of the intra-domain correlations.
- Further validation steps include expanding sample size.
- We actively seek feedback around the tool content/structure.

Significance

- Our purpose was to create a TIC behavioral rubric and determine reliability when applied to a pilot study, which has been achieved.

References

1. Menschner, Christopher, and Alexandra Maul. Key ingredients for successful trauma-informed care implementation. Trenton: Center for Health Care Strategies, Incorporated, 2017.
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3. Shamaskin-Garroway, Andrea M., et al. "Trauma-informed primary care for medical students." *The Clinical Teacher* 17.2 (2020): 200-204.