

Surgical Attire Guideline Adherence Decision Making – Beyond New England

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No Conflicts of Interest

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Outcome

Participants will understand the factors influencing intraoperative team members' decisions related to surgical attire guideline adherence.

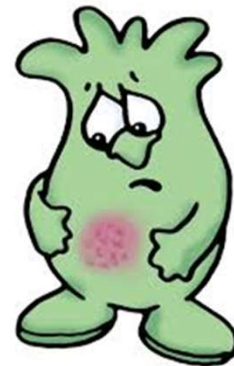
What should I wear?



Background



- Reality vs. Guidelines
- Surgical Site Infections
- Trustworthiness



Research Process



How do intraoperative team members outside of New England decide whether to adhere or not adhere to the SAG?

Is the original theory trustworthy?

Study Design: Classic Grounded Theory



Recruitment



Data Collection



	Characteristic	% (N)	Range	Mean
Participant Demographics (N = 15)	Gender			
	Female	82.4 (11)		
	Male	17.7 (4)		
	Total Years in the OR		3 - 38	21
	*Specialty Certification			
	CNOR	60.0 (9)		
	CRNA	13.3 (2)		
	CRNFA	6.7 (1)		
	Other	33.3 (5)		
None	6.7 (1)			

* Total > 15 due to participants with multiple certifications

	Characteristic	% (N)
Work Characteristics (N = 15)	Current Role	
	Staff RN	20.0 (3)
	Surgeon	6.7 (1)
	Anesthesia Provider	6.7 (1)
	Manager	13.3 (2)
	Director	20.0 (3)
	Educator	6.7 (1)
	RN First Assist	13.3 (2)
	Clinical Nurse Specialist	6.7 (1)
	Other	6.7 (1)
	Hospital Type	
	Academic	20.0 (3)
	Community	46.7 (7)
	Rural	13.3 (2)
Urban	13.3 (2)	
Ambulatory Surgery Center	6.7 (1)	

11 States

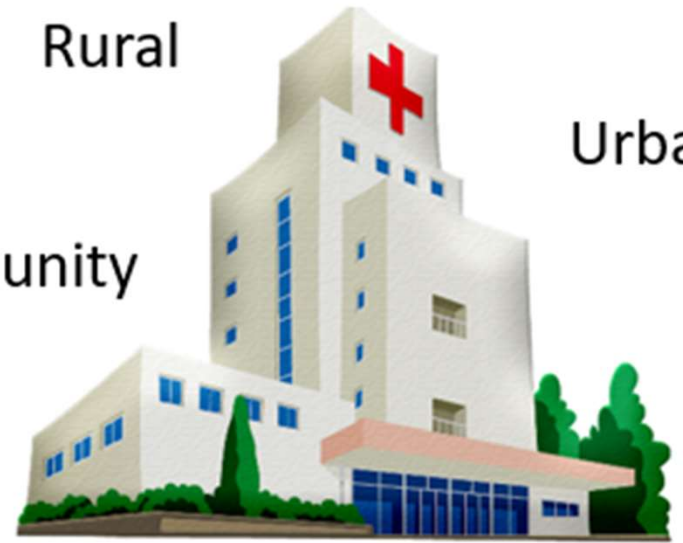


Academic

Rural

Urban

Community



Ambulatory Surgery Center

Study Design: Data Analysis



Notes



Memos



Review



Relisten to
recordings



Organize, categorize,
and theme
identification with
theory development



So, how do
intraoperative team
members decide to
adhere or not adhere to
the SAG?

Outcomes: Categories

Personal identity

Critical thinking

Evidence quality

Anchoring activities

Resources

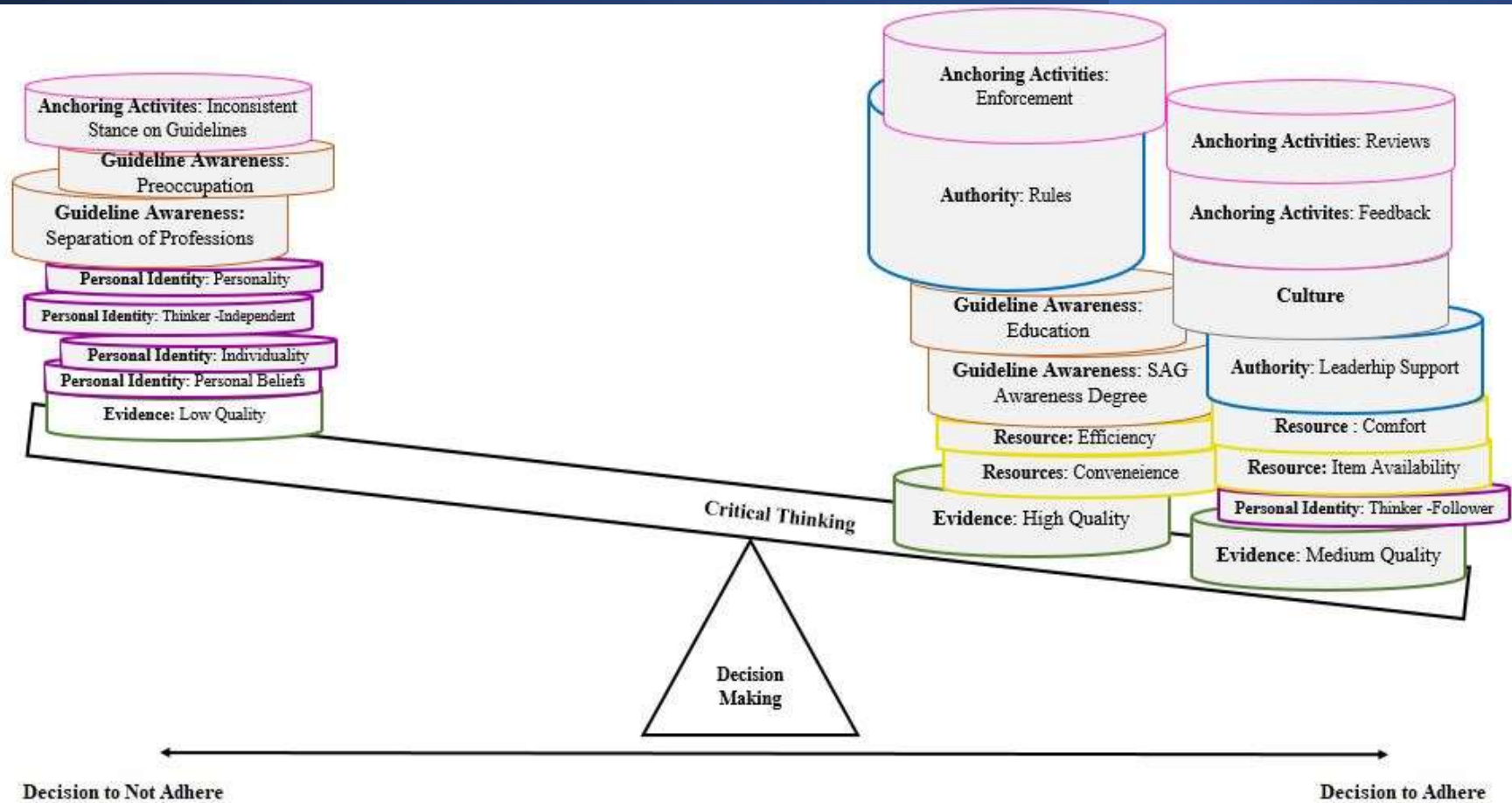
Culture

Guideline awareness

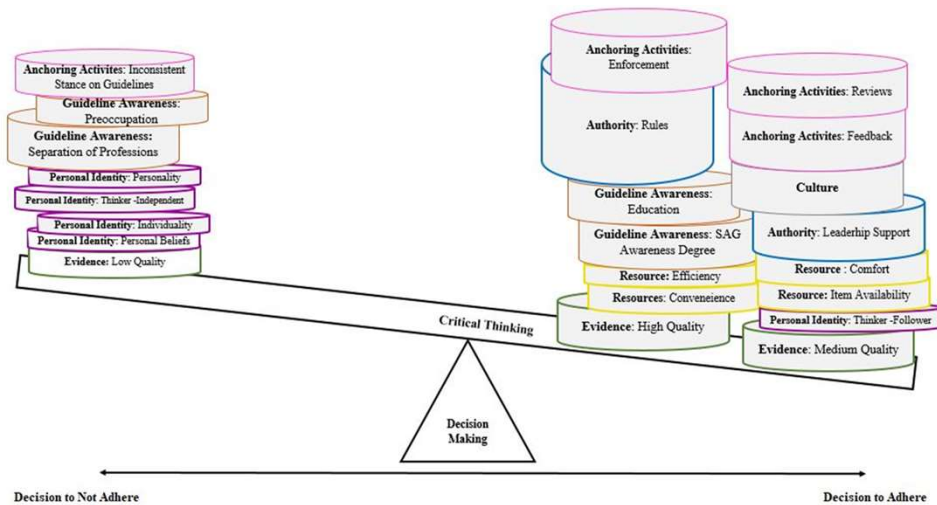
Authority

Core Category: Critical Thinking

Theoretical Coding



Primary Question Answer



Decision making related to SAG adherence is influenced by critically evaluating and responding to multiple factors.

After weighing the influence of these factors, the team members decide to what extent to adhere to the SAG.

Notable Findings

Factors Preventing and Encouraging SAG Adherence Decisions:

- a. Guideline awareness
- b. Influence of authority
- c. Availability of required attire
- d. Anchoring activities
- e. Personal drive
- f. Culture
- g. Evidence quality
- h. Critical thinking



Supporting Literature



Decision making

- (Alaseeri et al., 2021; Oh et al., 2022; Phillips et al., 2022)

Critical thinking

- (Alsuraihi, 2022; Hundial, 2020; Zondag et al., 2022)

Critical thinking & Decision making

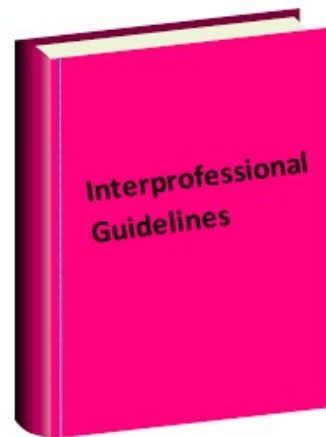
- (Ross et al., 2021; Shakurnia et al., 2022)

Study Significance



Expanded the initial study beyond New England and demonstrated the theory's trustworthiness.

Implications



Nursing Practice

Study Limitations

- No ancillary staff
- Not all states represented
- Only phone interviews
- Audio recording
- \$100 electronic gift card drawing
- Not-for-profit hospital staff
- Member checking: no participants

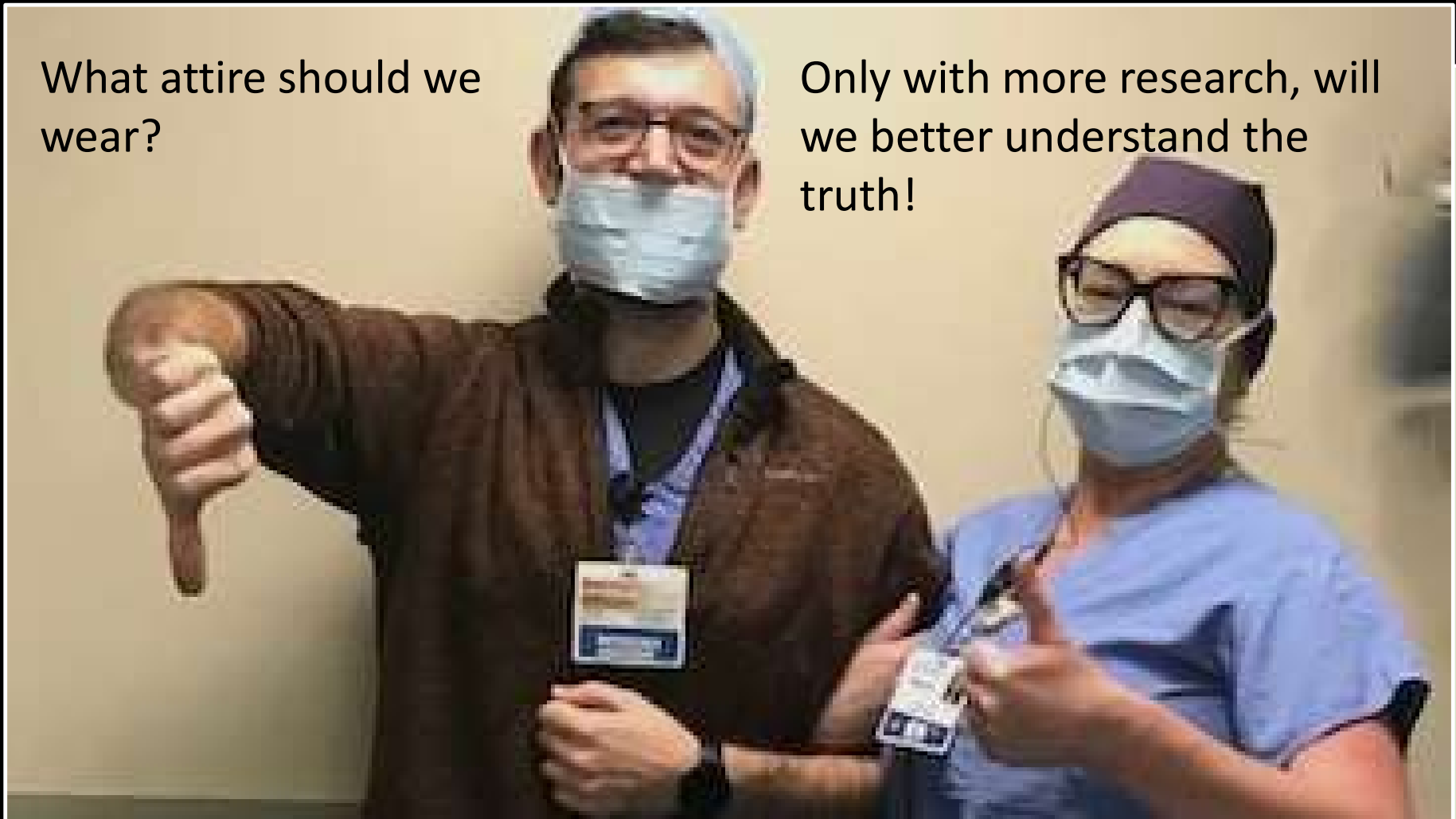


Conclusions

- SAG adherence decisions are multi-factorial.
- Need interdisciplinary OR guideline committee
- Examine relationship with SSI
- Standardize expectations/adherence by all organizations

What attire should we wear?

Only with more research, will we better understand the truth!



Thank You! Questions?



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