

INSTRUMENT TITLE: Nursing Teamwork Survey (NTS)	
Authors (date)	Kalisch & Lee (2011)
Purpose	To assess individual staff members' perceptions of teamwork among nursing staff in a hospital setting.
Instrument Characteristics	
Type of instrument	Survey
Total number of items	33
Setting	Health Care: Inpatient
Target respondent	Administrators, Practitioners
Degree of adaptation needed for primary care	No adaptation required
Mediator Constructs (# of items)	<i>Specific items</i>
<i>Cognitive Domain</i>	
Sense-making (n=0)	
Continuous learning (n=3)	23, 24, 31
Shared explicit goals and accountability (n=2)	01, 09
Evolving mental models of roles (n=0)	
<i>Affective/Relational Domain</i>	
Trust (n=2)	07, 33
Respectful interaction (n=5)	11, 12, 16, 18, 22
Heedful inter-relating (n=11)	3, 6, 14, 15, 20, 21, 26, 28, 29, 30, 32
Commitment (n=0)	
<i>Behavioral Domain</i>	
Communication (n=3)	10, 24, 25
Adaptable to context and needs, improvisation (n=0)	
Conflict resolution (n=3)	05, 13, 17
<i>Leadership Domain</i>	
Leadership (n=4)	02, 08, 19, 27
Psychometrics, Development and Testing	
Reliability	Test-retest: overall test-retest coefficient with 33 items was 0.92 and range of 0.74 to 0.85 for subscales. Internal consistency: overall Cronbach's $\alpha = 0.94$, range 0.74 to 0.85 for factors; the ICC1 values all in range, ICC2 values > 0.84.
Validity	Content: input from experts, content validity index was 91.2%; Predictive (concurrent): one-way ANOVA; Construct (discriminant): comparison of results for different teams; (convergent): correlation 0.76 with existing instrument ($p=0.01$).

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Factor analysis	Yes - exploratory (principal components, varimax orthogonal rotation); confirmatory
Other development and testing methods	Items generated from theory and informed by an existing teamwork model.
Abstracts and Citation	
Instrument citation	Kalisch BJ, Lee KH. Nurse staffing levels and teamwork: A cross-sectional study of patient care units in acute care hospitals. J Nurs Scholar 2011;43(1):82-88.
PubMed abstract or instrument link	PubMed abstract
Link to articles citing instrument	Link to articles citing instrument