

<b>INSTRUMENT TITLE: Mayo High Performance Teamwork Scale (MHPTS)</b>	
<b>Authors (date)</b>	Malec et al (2007)
<b>Purpose</b>	To assess a team's high performance teamwork and crisis resource management (CRM) skills in a simulation setting.
<b>Instrument Characteristics</b>	
<b>Type of instrument</b>	Survey
<b>Total number of items</b>	16
<b>Setting</b>	Health Care: Inpatient
<b>Target respondent</b>	Health Care Trainees and Students, NPs, RNs
<b>Degree of adaptation needed for primary care</b>	No adaptation required
<b>Mediator Constructs (# of items)</b>	<b><i>Specific items</i></b>
<b><i>Cognitive Domain</i></b>	
<b>Sense-making (n=0)</b>	
<b>Continuous learning (n=0)</b>	
<b>Shared explicit goals and accountability (n=2)</b>	03, 07
<b>Evolving mental models of roles (n=0)</b>	
<b><i>Affective/Relational Domain</i></b>	
<b>Trust (n=0)</b>	
<b>Respectful interaction (n=0)</b>	
<b>Heedful inter-relating (n=7)</b>	04, 08, 12, 13, 14, 15, 16
<b>Commitment (n=0)</b>	
<b><i>Behavioral Domain</i></b>	
<b>Communication (n=4)</b>	05, 06, 11, 12
<b>Adaptable to context and needs, improvisation (n=1)</b>	10
<b>Conflict resolution (n=1)</b>	9
<b><i>Leadership Domain</i></b>	
<b>Leadership (n=2)</b>	01, 02
<b>Psychometrics, Development and Testing</b>	
<b>Reliability</b>	Internal consistency: for all ratings Cronbach's $\alpha = 0.85$ , for pretraining ratings Cronbach's $\alpha = 0.83$ , for ratings in first post-training scenario Cronbach's $\alpha = 0.83$ , and rating of second post-training scenario Cronbach's $\alpha = 0.81$ .
<b>Validity</b>	Construct validity: Rasch (person reliability = 0.77, person separation = 1.85, item reliability = 0.96, item separation = 5.04).

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<b>Factor analysis</b>	
<b>Other development and testing methods</b>	Rasch analysis; paired t-tests.
<b>Abstracts and Citation</b>	
<b>Instrument citation</b>	Malec JF, et al. The Mayo high performance teamwork scale: reliability and validity for evaluating key crew resource management skills. <i>Simulation in Healthcare</i> 2007;2(1):4-10.
<b>PubMed abstract or instrument link</b>	<a href="#">PubMed abstract</a>
<b>Link to articles citing instrument</b>	<a href="#">Link to articles citing instrument</a>