| INSTRUMENT TITLE: | Resuscitation Team Leader Evaluation |
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| **Authors (date)** | Grant et al (2012) |
| **Purpose** | To measure all elements of pediatric resuscitation team leadership competence. |
| **Instrument Characteristics** | |
| **Type of instrument** | Observational Checklist (Simulation) |
| **Total number of items** | 12 |
| **Setting** | Health Care: Inpatient |
| **Target respondent** | Health Care Providers (Unspecified) |
| **Degree of adaptation needed for primary care** | Major adaptation required |
| **Mediator Constructs (# of items)** | ***Specific items*** |
| ***Cognitive Domain*** | |
| **Sense-making (n=2)** | 8, 9 |
| **Continuous learning (n=0)** | |
| **Shared explicit goals and accountability (n=0)** | |
| **Evolving mental models of roles (n=0)** | |
| ***Affective/Relational Domain*** | |
| **Trust (n=0)** | |
| **Respectful interaction (n=2)** | 7, 10 |
| **Heedful inter-relating (n=1)** | 12 |
| **Commitment (n=0)** | |
| ***Behavioral Domain*** | |
| **Communication (n=3)** | 4, 6, 12 |
| **Adaptable to context and needs, improvisation (n=1)** | 11 |
| **Conflict resolution (n=0)** | |
| ***Leadership Domain*** | |
| **Leadership (n=7)** | 1, 2, 3, 4, 5, 8, 9 |
| **Psychometrics, Development and Testing** | |
| **Reliability** | Internal consistency: Cronbach's alpha for instrument α = 0.818, and for α = 0.827 and α = 0.673 for two subscales.<br>Inter-rater: total scores had correlations of 0.617, 0.489, and 0.453 for the three rater combinations. |
| **Validity** | Content validity: Delphi rounds of expert ratings.<br>Construct validity: high strength of correlation between global scores and scores for overall performance (r = 0.733), subscales (r = 0.718 and r = 0.662). |

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| **Factor analysis** | Yes - unspecified |
| **Other development and testing methods** | Items generated from literature and brainstorming session; generalizability analysis (G-study); D-study. |
| **Abstracts and Citation** | |
| **Instrument citation** | Grant EC, et al. The development and assessment of an evaluation tool for pediatric resident competence in leading simulated pediatric resuscitations. Resuscitation 2012;83(7):887-93. |
| **PubMed abstract or instrument link** | PubMed abstract |
| **Link to articles citing instrument** | Link to articles citing instrument |