

Research Summary – Depression Anxiety Stress Scales – 21 (DASS-21) – Mental Health

Author Year Research Design Setting (country)	Demographics and Injury Characteristics of Sample	Validity	Reliability	Responsiveness Interpretability
<p>Kilic et al. 2013</p> <p>Cross sectional Survey</p> <p>Hampstead Rehabilitation Centre, South Australia</p>	<p>N=60 (41M, 19F) Age: 50.8 ± 17.0 Time Since Injury (years): 5.7 ± 7.3</p> <p>Incomplete lesion: 41 Complete: 18 Missing data: 1</p>	<p><u>Depression</u> portion negatively correlated with Moorong Self- Efficacy Scale (MSES) (Pearson r=-0.63, p< 0.01)</p> <p><u>Anxiety</u> portion negatively correlated with MSES (Pearson r=-0.54, p< 0.01)</p> <p><u>Stress</u> portion negatively correlated with MSES (Pearson r=-0.58, p< 0.01)</p>		
<p>Mitchell et al. 2008</p> <p>Comparison of two self-report instruments with a structured diagnostic interview to investigate the</p>	<p>N=40 (30M, 10F) Male=30 Female=10 Mean time since injury=113.9 months</p> <p>Paraplegia=26 Tetraplegia=14</p>	<p>DASS-21 (D) w/Brief Symptom Inventory (D) (BSI): r = 0.70; P<.01</p> <p>DASS-21 (A) w/Brief Symptom Inventory (A) (BSI): r = 0.61; P<.01</p>		<p>Interpretability: DASS 21 scores: Mean (SD) Depression subscale: 7.8 (9.33) Anxiety subscale: 6.4 (5.87) Stress subscale: 10.4 (10.00)</p>

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properties of the DASS-21 in patients with SCI. South Australian Spinal Cord Injuries Service		Depression: Sensitivity = 57.0% Specificity = 76.0% Anxiety: Sensitivity = 86.0% Specificity = 64.0%		