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<b>Type of Outcome Measure:</b> Spinal Cord Assessment Tools for Spastic Reflexes (SCATS)			<b>Total articles:</b> 2
<b>Author ID Year</b>	<b>Study Design</b>	<b>Setting</b>	<b>Population (sample size, age) and Group</b>
Benz et al. 2005	Validation study through correlational analyses	Research Lab and outpatient medical clinic	Ages 16-65. For kinematic and electromyographic analysis, 11 subjects. For comparison with Ashworth Scale and Penn Span Frequency Scale (PSFS), 17 subjects were recruited.  Report of spastic clinical behaviors.
Akpinar et al. 2016	Observational Reliability Study	Inpatient rehabilitation unit at an education and research hospital, Turkey	47 subjects with SCI with ASIA Scale grade A – D, had spasticity, and at least 6 months post injury between ages of 18 – 88 years old  For comparison with the Modified Ashworth Scale (MAS) and Penn Spasm Frequency Scale (PSFS)
<b>1. RELIABILITY</b>			
Akpinar et al. 2016	Test-Retest kappa coefficients of the SCATS demonstrated a HIGH agreement (coefficient +/- SD range = 0.614 +/- 0.8 – 1.000 +/- 0.8).  Interrater kappa coefficients of the SCATS demonstrated a HIGH agreement (coefficient = 0.669 +/- 1.000, P<0.01).		
<b>2. VALIDITY</b>			
<b>Author ID</b>	<b>Validity</b>		
Benz et al. 2005	Clonus, flexor spasm and extensor spasm responses measured by using the SCATS correlated significantly with kinematic and electromyography (P<.01). Correlations ranged from 0.69-0.94.  Significant Spearman rank correlations between SCATS extensor spasms and the Ashworth scores for hip and knee flexors and for ankle plantar flexors (spearman's rank correlations = 0.98, 0.88, 0.61).  Only SCATS clonus scores correlated significantly with spasm frequency measures (rho=.59, P<.05).		
Akpinar et al. 2016	SCATS clonus scores significantly correlated with the Modified Ashworth Scale (MAS) scores of the hip extensor muscles, knee flexor muscles, and plantar flexor muscles (P<0.01)  SCATS flexor spasm scores only significantly correlated with the MAS score of the ankle plantar flexor muscles (P<0.05)  No significant correlation between the SCATS extensor spasm scores and any of the MAS scores  No significant correlation between the SCATS scores and the PSFS ratings		
<b>3. RESPONSIVENESS</b> – no data available			
<b>4. FLOOR/CEILING EFFECT</b> – no data available			
<b>5. INTERPRETABILITY</b> – no data available			