

Reviewer ID: Emily Procter, Matthew Querée			
Type of Outcome Measure: Donovan SCI Pain Classification System			Total articles: 2
Author ID Year	Study Design	Setting	Population (sample size, age) and Group
Putzke et al. 2003	Videotape ratings	SCI clinic at the University of Alabama at Birmingham	N=28 (23M, 5F) Mean age 45.5±10.02yrs  Recruited from the SCI clinic at the University of Alabama at Birmingham. Traumatic SCI, 21 paraplegic, 7 tetraplegic AIS A: 15 AIS B: 7 AIS C: 4 AIS D: 2 Mean Time since Injury 10.3±7.2yrs Reported chronic (>6mo) pain in 1 or more sites.
Richards et al. 2002	Videotape ratings  Designed to assess interrater reliability of the Donovan classification system as well as the clinician-based usefulness of each classification criteria used in the Donovan system.	Academic Rehab Hospital	N=28 (23M, 5F) Mean age 45.5±10yrs  Traumatic SCI 21 paraplegia, 7 tetraplegia 15 AIS A 7 AIS B 4 AIS C 2 AIS D  Mean time since injury (SD) = 10.3 (7.2) years
<b>1. RELIABILITY</b>			
Author ID	Internal Consistency	Test-retest, Inter-rater, Intra-rater	
Richards et al. 2002	No data available	<p>Three raters classified 60 pain sites for each participant using the Donovan system. They were given more detailed information incrementally and had to classify the pain after each step.</p> <p>The correlation between each pair of raters and at each stage of classification was determined with Kappa coefficients. Overall percentage of agreement (%AG) was calculated between all three raters and Bartholomew's proportion analysis was used to indicate if %AG increased with each stage of additional information.</p> <p>Agreement between pairs of raters at different steps ranged from 62-73% (Kappa range 0.44-0.61) and overall agreement ranged from 50-62% (Kappa=0.55). %AG did not increase significantly (P&gt;0.05) with each additional piece of information.</p>	
Putzke et al. 2003	No data available	<p>Patient assessments were videotaped and scored using the Donovan pain scheme on two occasions, separated by a 3 month interval. There were three raters.</p> <p>The overall test-retest reliability was 78%. The percent agreement for each type of pain was as follows: 67% for segmental nerve/cauda equina, 75% for visceral, 80% for mechanical and 84% for spinal cord. No pain data for psychic pain was reported.</p>	

		The percent agreement between the 3 raters (i.e. inter-rater reliability) at the 3 month assessment was 50%. The rate of agreement within each rater (i.e. intra-rater reliability) ranged from 67 to 83%.
<b>2. VALIDITY</b> – no data available		
<b>3. RESPONSIVENESS</b> – no data available		
<b>4. FLOOR/CEILING EFFECT</b> – no data available		
<b>5. INTERPRETABILITY</b> – no data available		