

<b>Reviewer ID:</b> Jeff Tan, Kyle Diab, Matthew Querée, Ben Mortenson																																	
<b>Type of Outcome Measure:</b> Assistive Technology Device Predisposition Assessment (ATD-PA)			<b>Total articles:</b> 1																														
<b>Author ID Year</b>	<b>Study Design</b>	<b>Setting</b>	<b>Population (sample size, age) and Group</b>																														
Scherer & Cushman 2001	Cross-sectional design; purpose is to assess the validity of a subset of items of the ATD-PA	Acute medical rehabilitation unit in a general hospital	N=20 Age: 51.05±16.44, range 22-78 years 10 female, 10 male  13 paraplegia (4 complete), 7 tetraplegia (1 complete)																														
<b>1. RELIABILITY</b>																																	
<b>Author ID</b>	<b>Internal Consistency</b>	<b>Test-retest, Inter-rater, Intra-rater</b>																															
Scherer & Cushman 2001	α= 0.80	No data available																															
<b>2. VALIDITY</b>																																	
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Scherer & Cushman 2001	<p>Content validity: Items in the ATD-PA were developed based on experiences of technology users and non-users (including many with spinal cord injuries).</p> <p>Items on the ATD-PA QOL (quality of life) subset correlate negatively with the Brief Symptom Inventory (BSI) depression subscale and positively with Satisfaction with Life Scale (SWLS) scores.</p> <p><u>Spearman correlations between the BSI, SWLS and QOL subset</u>            QOL &amp; BSI: r=-0.71, (P&lt;.01)            QOL &amp; SWLS: r=0.89, (P&lt;.01)</p> <p>Individual correlations between the 5 Satisfaction with Life Scale (SWLS) and 11 QOL subset items were positive and generally high, with the exception of QOL item 16.            Of the 55 correlation coefficients among SWLS and QOL items, 69.1% were significant: 18 at P&lt;.01 and 20 at P&lt;.05.</p>																																
<b>3. RESPONSIVENESS</b> – no data available																																	
<b>4. FLOOR/CEILING EFFECT</b> – no data available																																	
<b>5. INTERPRETABILITY</b>																																	
<b>Author ID</b>	<b>Interpretability</b>																																
Scherer & Cushman 2001	Published data for ATD-PA Section B & C: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Item</th> <th>Mean</th> <th>SD</th> </tr> </thead> <tbody> <tr><td>10</td><td>3.15</td><td>1.14</td></tr> <tr><td>11</td><td>4.10</td><td>0.85</td></tr> <tr><td>12</td><td>2.95</td><td>1.10</td></tr> <tr><td>13</td><td>3.25</td><td>1.12</td></tr> <tr><td>14</td><td>3.20</td><td>1.14</td></tr> <tr><td>15</td><td>2.50</td><td>1.32</td></tr> <tr><td>16</td><td>3.05</td><td>1.32</td></tr> <tr><td>17</td><td>3.00</td><td>1.30</td></tr> <tr><td>18</td><td>3.55</td><td>1.10</td></tr> </tbody> </table>			Item	Mean	SD	10	3.15	1.14	11	4.10	0.85	12	2.95	1.10	13	3.25	1.12	14	3.20	1.14	15	2.50	1.32	16	3.05	1.32	17	3.00	1.30	18	3.55	1.10
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	20	1.95	1.47	