

Spanish Adaptation Of The Autobiographical Recollection Test And How Mild Cognitive Impairment Perceive Their Past Memories

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The Autobiographical Recollection Test (ART) is a self-report questionnaire that measures individual differences in personal recollections accuracy. The ART is a reliable tool to assess individual differences in autobiographical memory (AM). Its adaptation to Spanish could help explore AM in an accessible way.

INTRODUCTION		RESULTS					CONCLUSIONS			REFERENCES																															
The aim of this study is to adapt the Autobiographical Recollection Test (ART - Berntsen et al, 2019) into Spanish and to identify how Mild Cognitive Impairment (MCI) patients and individuals with Subjective Cognitive Impairment (SCI) perceive the quality of their past memories.		No significant differences were found in age and years of education between groups. Significant differences between MCI patients and SCI group were found in three components: vividness (p=0,044), narrative coherence (p=0,039) and life story relevance (p=0,014). MCI tends to obtain lower scores than SCI in the Full and Brief ART, and in scene and visual imagery, but no statistically significant. SCI rate their recent memory significantly better than MCI (p=0,047). A positive correlation was found in MCI between Full and Brief ART and how people rate their remote memory (Full Scale r= .556 p<,001; Brief ART = .446 p<,01).					The results showed that MCI patients test scores correlated with their perception of how good their memory is for past events. SCI group showed better perception of how vivid, relevant and coherent their general memories are. Future research will include a larger SCI sample.			Berntsen, D., Hoyle, R.H. & Rubin, D.C. (2019). The Autobiographical Recollection Test (ART): A Measure of Individual Differences in Autobiographical Memory. <i>Journal of Applied Research in Memory and Cognition</i>, 8(3), 305–318. https://doi.org/10.1037/h0101839 Billet, M., Geurten, M. & Willems, S. (2023). How well do you think you remember your personal past? French validation of the Autobiographical Recollection Test (ART) and exploration of age effect. <i>Memory</i>, 31:6, 864-870, DOI: 10.1080/09658211.2023.2207805																															
METHODS																																									
The ART administration instructions and all items were translated to Spanish using a forward and back-translation methodology. Two independent bilingual individuals (fluent in English and Spanish) supervised the translated items to ensure its linguistic and cultural accuracy. 42 MCI and 9 SCI completed the 21 ART items and were also asked to rate how they describe their remote and recent memory in general on a 10-point Likert scale.		<table><tr><th></th><th>Brief ART</th><th>Full Scale</th><th>Vividness</th><th>Narrative Coherence</th><th>Reliving</th><th>Rehearsal</th><th>Scene</th><th>Visual imagery</th><th>Life story relevance</th></tr><tr><td>MCI</td><td>5,24 (0,99)</td><td>5,18 (1,07)</td><td>5,23 (1,07) *</td><td>5,16 (1,20) *</td><td>5,21 (1,37)</td><td>5,12 (1,22)</td><td>4,97 (1,31)</td><td>5,39 (1,37)</td><td>5,17 (1,54) *</td></tr><tr><td>SCI</td><td>5,55 (0,88)</td><td>5,46 (0,80)</td><td>5,85 (0,88) *</td><td>5,77 (0,79) *</td><td>5,11 (1,05)</td><td>4,62 (1,29)</td><td>5,25 (1,35)</td><td>5,74 (1,11)</td><td>6,01 (0,81) *</td></tr></table>									Brief ART	Full Scale	Vividness	Narrative Coherence	Reliving	Rehearsal	Scene	Visual imagery	Life story relevance	MCI	5,24 (0,99)	5,18 (1,07)	5,23 (1,07) *	5,16 (1,20) *	5,21 (1,37)	5,12 (1,22)	4,97 (1,31)	5,39 (1,37)	5,17 (1,54) *	SCI	5,55 (0,88)	5,46 (0,80)	5,85 (0,88) *	5,77 (0,79) *	5,11 (1,05)	4,62 (1,29)	5,25 (1,35)	5,74 (1,11)	6,01 (0,81) *	Mean and standard deviation of the Full Scale, Brief ART and 7 components. * <i>p</i><0,05	
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