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Foundation of European Nurses in Diabetes

Validity and Reliability of the Greek version of the Diabetes Literacy Assessment Scale: Literacy Assessment for Diabetes (LAD).

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- In health care setting, people with chronic diseases, such as diabetes, low Health Literacy (HL), is a potential barrier for diabetes self-management.

- Lacking understanding either in written or oral nursing instruction maybe the cause of receiving low quality of health care.

- The Literacy Assessment for Diabetes (LAD), is a reliable and valid assessment tool for measuring HL in adults with diabetes.

Aim

The purpose of this study was the translation, cultural adaptation and validation of the Greek version of the LAD assessment tool for diabetes.

Method

Using standard procedures, the original version of LAD was backwards translated and culturally adapted into Greek.

The scale was administered to 50 people with diabetes aged over 18 years old, in three Health Centers in the area of Attica

A pilot study was performed on 10 individuals with diabetes to test not only content validity, but to test and re-test the scale, as well.

Validity and reliability analyses were performed.

Results

Cronbach's alpha		Mean value	Oral reading ability	Significant differences	Significant differences
oral reading ability subscale	0,87	56,76 (±3,75)	was evaluated at 95% of optimum	in employees, being under the age of 67 was related to a better oral reading ability and word comprehension performance (p<0,001) compared with those over 67 years old, whereas employees had better performance in the two aforementioned subscales vs unemployed and retirees (p<0,001).	higher education graduates differed significantly from primary and secondary school graduates, in word comprehension subscale (p<0,001).
word knowledge subscale	0,86	54,28 (±4,34)			
word comprehension subscale	0,92	48,92 (±7,05)			

typical participant: male, 68 years old, married, of primary school education.

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Conclusion

The Greek version of LAD, is a reliable and valid tool for measuring HL in adults with diabetes. It will also be a quick and easy-to-use tool for nurses working in the field of diabetes care.

Thank you for your attention!