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**Record 1 of 1****Title:** Translation, Adaptation and Cross-Cultural Validation of Hearing Handicap Inventory for Adult in Malay Language**Author(s):** Zam, TZHBTZ (Zam, Tengku Zulaila Hasma Binti Tengku Zam); Dzulkarnain, AAA (Dzulkarnain, Ahmad Aidil Arafat); Rahmat, S (Rahmat, Sarah); Jusoh, M (Jusoh, Masnira)**Source:** JOURNAL OF AUDIOLOGY AND OTOLOGY **Volume:** 23 **Issue:** 3 **Pages:** 129-134 **DOI:** 10.7874/jao.2018.00395 **Published:** JUL 2019**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Usage Count (Last 180 days):** 0**Usage Count (Since 2013):** 0**Cited Reference Count:** 28

Abstract: Background and Objectives: Since a self-reported questionnaire for hearing-impaired listeners is not available by Malay language yet, it is important to develop or translate any available existing questionnaires. The aim of this study was to translate, adapt and validate the Hearing Handicap Inventory for Adult (HHIA) to be used by the audiologist among the hearing-impaired population in Malaysia. Subjects and Methods: The HHIA was translated to Malay language using forward-backward translation techniques by four-panellists (two for each level). The translated HHIA was then reconciled and harmonized for cultural aspects and content of the questionnaire by the researchers and two expert panels before being pilot-tested among 10 hearing-impaired patients. Questionnaire validation was conducted among 80 adults with a hearing loss to calculate for Cronbach's α (internal reliability), Spearman's correlation (inter-item correlation) and factor analysis. Results: None of the translated items were removed from the scale. The overall Cronbach's α was 0.964; 0.927 and 0.934 for both social and emotional subscales, respectively. The factor analysis (force-concept inventory) demonstrated a two-structure with a strong correlation between all items in either component 1 or 2, that resembled the original scale. The Mann-Whitney test revealed significantly higher scores for those adults with a hearing loss than those adults with normal hearing. Conclusions: The Malay HHIA has been successfully translated and validated for the purpose of determining the psychosocial aspects of adults with hearing loss in the local population.

Accession Number: WOS:000474924500002**PubMed ID:** 30727717**Language:** English**Document Type:** Article**Author Keywords:** Hearing loss; Psychosocial; Questionnaire; Malaysia**KeyWords Plus:** VALIDITY; MODEL**Addresses:** [Zam, Tengku Zulaila Hasma Binti Tengku Zam; Dzulkarnain, Ahmad Aidil Arafat; Rahmat, Sarah; Jusoh, Masnira] Int Islamic Univ Malaysia, Kulliyah Allied Hlth Sci, Dept Audiol & Speech Language Pathol, Jalan Sultan Ahmad Shah, Kuantan 25200, Pahang, Malaysia.**Reprint Address:** Dzulkarnain, AAA (reprint author), Int Islamic Univ Malaysia, Kulliyah Allied Hlth Sci, Dept Audiol & Speech Language Pathol, Jalan Sultan Ahmad Shah, Kuantan 25200, Pahang, Malaysia.**E-mail Addresses:** ahmadaidil@iium.edu.my**Publisher:** KOREAN AUDIOLOGICAL SOC**Publisher Address:** DEPT OTORHINOLARYNGOLOGY-HEAD & NECK SURGERY, SEOUL ST MARYS HOSPITAL #505 BANPO-DONG, SEOUL, 06591, SOUTH KOREA**Web of Science Categories:** Otorhinolaryngology**Research Areas:** Otorhinolaryngology**IDS Number:** IIOVV**ISSN:** 2384-1621**eISSN:** 2384-1710**29-char Source Abbrev.:** J AUDIOL OTOL**ISO Source Abbrev.:** J. Audiol. Otol.**Source Item Page Count:** 6**Funding:**

Funding Agency	Grant Number
Ministry of Higher Education of Malaysia through the Fundamental Research Grant scheme (FRGS)	FRGS15-236-0477
International Islamic University Malaysia through the Research Initiative Grant Scheme (RIGS)	RIGS 15-035-0035 RIGS 16-125-0289

The authors wish to acknowledge the Ministry of Higher Education of Malaysia through the Fundamental Research Grant scheme (FRGS) (FRGS15-236-0477) and the International Islamic University Malaysia through the Research Initiative Grant Scheme (RIGS) (RIGS 15-035-0035 and RIGS 16-125-0289) for funding this research. We also wish to acknowledge Global Hearing Precision and Ear-tistic Hearing and Balance centre for their contributions in recruiting study participants. Special thanks to Swiss Medicare Sdn Bhd for their contributions in providing hearing aids in this study.

Open Access: Other Gold**Output Date:** 2019-07-31

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