

# **Uji Validitas dan Reliabilitas Myasthenia Gravis Composite Score versi Bahasa Indonesia (MGCS-INA) Sebagai Alat Ukur Derajat Keparahan pada Pasien Miastenia Gravis = Validity and Reliability Test of Indonesian Version Myasthenia Gravis Composite Score (MGCS-INA) as Severity Measurement in Myasthenia Gravis Patient**

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## **Abstrak**

**Latar belakang:** Myasthenia Gravis Composite Score (MGCS) merupakan alat ukur untuk menilai derajat keparahan pasien MG. Penelitian ini bertujuan untuk melakukan uji validitas dan reliabilitas MGCS ke dalam bahasa Indonesia.

**Metode penelitian:** Dilakukan translasi dan adaptasi lintas budaya sesuai kaidah WHO, selanjutnya dilakukan uji validitas isi dan reliabilitas MGCS versi bahasa Indonesia. Populasi penelitian ini semua subjek dewasa dengan diagnosis MG yang berobat di poli Saraf RSCM, yang memenuhi kriteria inklusi dan eksklusi.

**Hasil.** Tiga puluh lima subjek memenuhi kriteria inklusi, diperiksa oleh tiga puluh PPDS Neurologi berbeda. Mayoritas subjek perempuan (68,6%) dengan rerata usia 44,80 (SD:12,56) tahun. Pada uji validitas isi MGCS berdasarkan pendapat ahli. Poin MGCS memiliki kesesuaian terhadap manifestasi klinis dari MG, dan tidak ada perbedaan klinis di Indonesia dengan negara pengembang, sehingga dinyatakan valid. Hasil uji reliabilitas antar pemeriksa menggunakan intraclass correlation coefficient (ICC) dengan nilai ICC tiap item antara 0,79-1,0, dan Cronbach's Alpha tiap item >0,88.

**Kesimpulan.** MGCS versi bahasa Indonesia valid dan reliabel dalam menilai derajat keparahan pasien MG.

.....Introduction. Myasthenia Gravis Composite Score (MGCS) is a severity measurement of MG patients.

This study aims to test the validity and reliability the Indonesian Version of MGCS.

Methods. Cross-cultural translation and adaptation was conducted according to WHO rules, then validity and reliability test was performed. The population of this study were all adult that have diagnosis of MG at RSCM neurology outpatient clinic who met the inclusion and exclusion criteria.

Results. Thirty five subjects met the inclusion criteria, was examined by thirty different neurology resident. The majority of the subjects were female (68.6%) with a mean age of 44.80 (SD:12.56) years. The content validity of MGCS-INA was validate by expert judgement. Every point of MGCS suitable with clinical manifestation of MG, and no difference in clinical manifestation of MG worldwide, so it declared valid. Reliability test-retest using intraclass correlation coefficient (ICC) showed result between 0.79-1.0, and Cronbach's Alpha each items >0,88.

Conclusion. The Indonesian version of MGCS is valid and reliable in assessing severity in MG patients.