

# Kesesuaian antara sunnybrook facial grading system dengan house-brackmann facial nerve grading system pada paresis nervus fasialis unilateral tipe perifer = Agreement between sunnybrook facial grading system and house-brackmann facial nerve grading system in unilateral peripheral facial nerve paralysis

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## Abstrak

Latar Belakang. Perangkat penilaian derajat keparahan paresis nervus fasialis PNF berperan dalam penentuan derajat keparahan PNF baik pada penilaian awal maupun evaluasi pasca terapi. Hingga saat ini perangkat standar yang terbanyak digunakan dalam publikasi ilmiah adalah House-Brackmann Facial Nerve Grading System HB-FNGS dan Sunnybrook Facial Grading System SFGS . Sebuah telaah sistematis menyebutkan bahwa SFGS lebih unggul dibandingkan perangkat penilaian PNF lainnya karena mampu menilai adanya perubahan minimal derajat keparahan PNF. Belum terdapat penelitian yang menilai kesesuaian antara SFGS dan HB-FNGS. Tujuan. Mengetahui kesesuaian antara SFGS dan HB-FNGS sebagai perangkat penilaian derajat keparahan pasien PNF unilateral tipe perifer. Metode. Studi potong lintang pada 40 subjek PNF unilateral tipe perifer. Dilakukan perekaman 7 gerakan wajah subjek menggunakan digital video camera. Penilaian dilakukan oleh 2 spesialis kedokteran fisik dan rehabilitasi SpKFR sebanyak 2 kali dengan periode washout di antaranya , menggunakan perangkat yang berbeda SFGS atau HB-FNGS . Hasil. Didapatkan kesesuaian SFGS dan HB-FNGS sebesar intraclass correlation coefficient ICC = 0.863 p<0.05. Kesimpulan. Facial nerve grading system is necessary to determine facial nerve paralysis severity, whether at initial assessment or evaluation after previous therapy. House Brackmann Facial Nerve Grading System HB FNGS is the most common grading system used worldwide, including at neuromuscular division policlinic, Physical Medicine and Rehabilitation Department FKUI RSCM. Other facial grading system commonly used is Sunnybrook Facial Grading System SFGS . SFGS was stated as the best facial nerve grading system among other grading system due to its sensitivity to detect minor clinical changes. No study has assess agreement between SFGS and HB FNGS. Aim. To assess agreement between SFGS and HB FNGS. Method. Cross sectional study on 40 subjects with unilateral peripheral facial nerve paralysis. Each subject was recorded with digital video camera while performing 7 facial movements. Assessments were done by 2 physiatrists twice with a washout period between , using either SFGS or HB FNGS. Results. The intraclass correlation coefficient ICC between SFGS and HB FNGS was 0.863 p<0.05.