The Madrid Quantitative Neuromuscular Assessment (MAQUINA)

Availability:	**Please email the author for information about obtaining the instrument: jmora.hciii@salud.madrid.org**
Classification:	Exploratory for Amyotrophic Lateral Sclerosis (ALS)
Short Description of Instrument:	The Original MAQUINA was designed and proved consistent and reliable to quantify motor deficits in ALS patients (PAS). It was composed of 2 timed tests of bulbar function (PaTaka, Count), 5 tests of arm function (Marbles R&L, Pedaling, Tapping R&L), and 4 tests of leg function (Up&3mWalk, Pedaling, Tapping R&L).
Scoring:	The final global score is the plain sum of the selected tests divided by the number of tests taken.
References:	Mora, JS.; Macias, Al.; Avenza M.; Rodriguez-Santos F.; Mongil, E.; Marin, S.; Salas, T. "Validation of a New ALS Clinical Evaluation Tool, the Madrid Quantitative Neuromuscular Assessment, MAQUINA." 22nd International Symposium on ALS/MND, Sydney, New South Wales, Australia, November 30 – December 2, 2011. Mora, JS., Valera; F., Macias, Al.; Hurtado, F.; Marin, S.; Minaya, F.; Mascias, J.; Chaverri, D.. "Initial Design and Evaluation of a New Clinical Assessment Tool to Quantify Motor Deficits in ALS Patients, the Madrid Quantitative Neuromuscular Assessment, MAQUINA." 21st International Symposium on ALS/MND, Orlando, Florida, USA, December 11 – 13, 2010. Mora, JS., Valera; F., Macias, Al.; Hurtado, F.; Marin, S.; Hernandez, M.; Moran, Y.; Salas, T. "Inter- and Intra-Rater Reliability of Designed Tests to Assess ALS Patients Within the Madrid Quantitative Neuromuscular Assessment (MAQUINA)." 21st International Symposium on ALS/MND, Orlando, Florida, USA, December 11 – 13, 2010.s