



Hemisphere battery performance analysis

Clinical neurolinguistics still lacks consolidated and standardised tools for the assessment of impairments of pragmatics of verbal communication. In the present paper we present norms of the Italian version of the Right Hemisphere Language Battery (Batteria del Linguaggio dell'Emisfero Destro, BaLED) [1] originally devised by Bryan [2]. ...

Background Right-hemisphere lesions (RHL) may impair inference comprehension. However, comparative studies between left-hemisphere lesions (LHL) and RHL are rare, especially regarding reading comprehension. Moreover, further knowledge of the influence of cognition on inferential processing in this task is needed. Objectives To ...

The purpose of this study was to determine the relationship of cognitive performance, as measured by the Loewenstein Occupational Therapy Cognitive Assessment (LOTCA) battery, to daily function in patients following right hemisphere stroke. Furthermore, to explore the predictive power of cognitive performance using the ...

A Hebrew adaptation of Gardner and Brownell's (1986) "Right Hemisphere Communication Battery" (HRHCB) was administered to 27 right brain-damaged (RBD) patients, 31 left brain-damaged (LBD) ...

These factors were not lateralized. Performance of patients on the HRHCB correlated significantly and positively with performance on most tests of basic language functions, measured with a Hebrew adaptation of the "Western Aphasia Battery" (HWAB) and with other cognitive functions measured with standardized neuropsychological tests.

Objective: Higher-order language disturbances could be the result of white matter tract abnormalities. The study explores the relationship between white matter and pragmatic skills in first-episode schizophrenia. Methods: Thirty-four first-episode patients with schizophrenia and 32 healthy subjects participated in a pragmatic language and ...

Abstract: In this article, the attention is focused on a specific battery testing methodology for high-power hybrid electric working vehicle applications. Due to ...

The Right Hemisphere Language Battery--Polish version (RHLB-Pl). Manual. Warsaw: Psychological Test Laboratory of the Polish Psychological Association [Google Scholar] Lunven M, Thiebaut de Schotten M, Brouillon C, Duret C, Migliaccio R, Rode G, & Bartolomeo P. (2015). White matter lesional predictors of chronic visual neglect: A ...

Right hemisphere language tasks taken from the Right Hemisphere Language Battery (Bryan, 1995).



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WPM=spoken word to picture matching. FANL=Familiar and Novel Language Comprehension Test (Kempler and Van Lancker, 1985). CCT=camel and cactus test of associative semantic knowledge (Bozeat et al., 2000).

A battery-operated electric vehicle (BEV) uses chemical energy stored in a rechargeable battery pack for operation, and emits zero pollutants. Apart from plug-in charging, the ...

Note: EFA = Exploratory Factor Analysis; HRB = Halstead-Reitan Battery; eHRB = expanded Halstead-Reitan Battery; WAIS = Wechsler Adult Intelligence Scales; WAIS-R = Wechsler Adult Intelligence Scales-Revised. ... Test-Part B), and initiation of concept-related actions (fluency tests, and perhaps the Trail Making Test and Tactual ...

Southern Hemisphere Mining Limited reports on its plan to sustainably develop the 100% owned Los Pumas Manganese Project into a significant, reliable source of Manganese (Mn) to meet the demand and rapid growth ...

In this paper, we propose a performance evaluation method based on MCPE-DEKF, which can solve the problem of consistency analysis and sort of battery ...

In this Review, we examine the latest advances in non-destructive characterization techniques, including electrical sensors, optical fibres, acoustic ...

Read Detailed Layered Nonlinear Finite Element Analysis for Lithium-Ion Battery Cells to Predict Internal Short Circuits Due to Separator Fractures under Hemisphere Indentation

1. Introduction. With the aim of moderating the consumption of traditional fuels and carbon emissions, the vigorous development of the clean energy industry is currently a primary objective [1], [2], [3] on the initial iron-nickel, lead-acid, alkaline batteries, and widely utilized lithium-ion batteries, illustrating the rapid progress in ...

The acceptance of the WAB by researchers as well as clinicians appears to be related to the comprehensive measuring of essential and distinct language functions and practical length allowing it to be administered to a large variety of patients in diverse clinical and research conditions. ABSTRACT Background: Since design and publication ...

Individuals who have experienced a left hemisphere cerebrovascular accident (LCVA) have been shown to make errors in naturalistic action tasks designed to assess the ability to perform everyday activities such as preparing a cup of coffee. Naturalistic action errors in this population are often attributed to limb apraxia, a common ...

There is no significant difference existed between the performance of the participants between Right



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Hemisphere Language Battery (RHLB) and Right Hemisphere Language Battery in Hindi (RHLB-H) across all the subtests at a = 0.05 level of significance. ... Tompkins C. Inferencing in adults with right hemisphere brain damage: An analysis of ...

Deploying battery state of health (SoH) estimation and forecasting algorithms is critical for ensuring the safe and reliable performance of battery electric vehicles (EVs). SoH estimation ...

Cognitive neuropsychological and neuroanatomic predictors of naturalistic action performance in left hemisphere stroke: a retrospective analysis ... we conducted a retrospective analysis of data from a large group of 51 individuals with LCVA who had completed a test of naturalistic action, along with a battery of tests assessing praxis ...

Nowadays, with the sharp increase in carbon gases (CO₂) emission has raised the concern towards environmental pollution and global warming. The automotive industry is the prime cause towards this environmental pollution. The fossil fuel based internal combustion engines (ICE) vehicles, industries and manufacturing units are the ...

The extensive capacity-rate dataset is uniquely suited for in-depth qualitative and quantitative analysis of the ASSB performance limiting mechanisms, ...

In this article, the attention is focused on a specific battery testing methodology for high-power hybrid electric working vehicle applications. Due to the high power demand, a deep knowledge of the battery behaviour is necessary and requires specific testing procedures, different from the standard activities available in the literature ...

Objectives: This study presents the Korean version of the Right Hemisphere Language Battery (K-RHLB), reports the preliminary results in healthy subjects, and evaluates inter-and intra-rater ...

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