

**(Abstract - Presentatie binnen sessie C)**

**Neurovascular Neuropsychology: Vascular Cognitive Impairment (VCI) and Vascular Dementia**

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Neurovascular diseases and conditions represent a significant cause of cognitive disability throughout the world. Recent studies of neurovascular disease have now revealed that neuropsychological function may be a more sensitive measure of brain integrity than coordination, motor or sensory function and correlates well with functional outcome measures. Neurovascular neuropsychology focuses on focal and diffuse neurovascular disease in addition to systemic conditions in which cognition and behaviour have been uniquely associated with different pathologic states. As new medical technology (drugs and devices) has improved patient survival, the matters of cognitive outcomes are more relevant than ever. In this study we will present an overview of recent studies focusing on the cognitive syndromes associated with this range of neurovascular diseases and systematic causes of vascular-related cognitive changes. It will be clear that future clinical trials involving these diseases and conditions will have to address neuropsychological functions as an aspect of primary and secondary outcome measures.