

Comparison of serial scan SPECT and PET

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Abstract

Stenosis or occlusion of major arteries of cerebral and cervical may cause hemodynamic impairment of distal cerebral circulation. Hemodynamic factors may play an important role in the pathogenesis of ischemic stroke. Several neuroimaging methods are currently available. But these cost and task much labor. Serial Scan SPECT is quantitative evaluation of cerebral vascular reserve capacity simply. The correlation compared Serial Scan SPECT with PET. As a result, Serial Scan SPECT correlated with PET. Thus Serial Scan SPECT method is useful, but several factors are needed improvement.

Key words: Serial Scan SPECT, cerebral vascular reserve capacity, acetazolamide