

3220

Analysis on ADHD Brain SPECT Images by Statistical Parametric Mapping

S.I. Kwon¹ S.O. Park¹, D.H. Shin¹, C.W. Cho², S.N. Yoon², and M.H. Lee²

¹ Department of Medical Physics, Kyonggi University, Suwon, Korea, ² Department of Nuclear Medicine, Medical College, Ajou University, Suwon, Korea

sikwon@kyonggi.ac.kr

The brain blood flow states of an ADHD patient group about normal children was analyzed using a SPECT images with SPM. In order, the parts of a highest brain blood flow rate were a cingulate gyrus, a right cerebrum occipital lobe, a left cerebellum post lobe, a right cerebellum post lobe, a parietal lobe, and a right mid-temporal gyrus. There was a difference of 49% degree with a part of the highest in the blood flow rate. The brain parts which showed a decreased blood flow were a left cerebrum inf. frontal gyrus, a left cerebrum claustrum, a right cerebrum sup. temporal gyrus. A difference with a part of the highest blood flow decreased rate was 24%.

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