

**The usefulness of brain perfusion SPECT in an infant  
with focal convulsions associated with *Hemophilus influenzae*  
central nervous system infection**

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Left hemiconvulsions occurred in a 13-month-old girl with *Hemophilus influenzae* (*H. influenzae*) central nervous system (CNS) infection. Tc-99m HMPAO brain SPECT showed a focal hyperperfusion area in the right frontal lobe. The patient recovered without complications, and follow-up SPECT revealed markedly improved findings. Tc-99m HMPAO brain SPECT is useful for evaluating focal convulsions associated with *H. influenzae* CNS infection.

**Key words:** *Hemophilus influenzae*, Tc-99m HMPAO, SPECT, central nervous system