

## Putaminal hyperperfusion in dystonic posturing on subtracted SPECT: A case report

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Dystonic posturing (DP) is one of the most reliable lateralizing symptoms for mesial temporal lobe epilepsy, although the mechanism remains unclear. We demonstrated a hyperperfusion area in the right putamen on subtracted postictal SPECT by using the automatic registration technique in one patient with ictal DP of the left hand. The putamen may play a key role in DP, similar to other diseases with dystonia.

**Key words:** dystonic posturing, temporal lobe epilepsy, subtracted SPECT, putaminal hyperperfusion