A 71-year-old man presented with a sudden onset of anterograde amnesia and repetitive questioning. Symptoms lasted 12 hours. MRI performed 48 hours after onset showed right hippocampal restricted diffusion foci (figure, A and B).

Transient global amnesia (TGA) is a syndrome characterized by the rapid onset of anterograde amnesia, temporal disorientation, and iterative questioning that lasts up to 24 hours.1

Punctate hippocampal diffusion-weighted imaging hyperintensities are described in up to 80% of patients, which usually appear 24 to 72 hours after TGA onset.2 Similar lesions may be seen in posterior cerebral artery stroke but most of these patients do not exhibit TGA-like features.2

REFERENCES

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Teaching NeuroImages: Hippocampal foci of restricted diffusion in transient global amnesia
Carolina Cuello Oderiz, Diego Miñarro, Dan Dardik, et al.
Neurology 2015;85;e145
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