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There are many reasons why a person may have amnesia, which refers to difficulty recalling prior experiences or forming new memories. [READ MORE](#) [Parkinson's 'brain pacemaker' halves symptom time in small trial](#) [An small new study has found that adaptive deep brain stimulation that uses AI can reduce the time a person experiences their most bothersome...](#) [Neurology / Neuroscience](#) [Psychology / Psychiatry](#) [How we reviewed this article:](#) [Sources](#) [Share this article](#) [Related Coverage](#) [How to forget unwanted memories](#) [Scientists are uncovering new ways of getting rid of bad memories.](#) [Some researchers have noted that these individuals share some characteristics](#) [Trusted Source](#) [with people who have obsessive-compulsive disorder \(OCD\).](#) [Another study](#) [Trusted Source](#) [suggests that people with HSAM have increased activity within different regions of the brain, such as the superior and inferior parietal lobe.](#) [Hyperthymesia differs from eidetic memory in that it focuses on a person's ability to recall their autobiographical experiences rather than to hold visualizations in their mind.](#) [This theory implies that people with HSAM obsessively think](#) [Trusted Source](#) [about their previous experiences.](#) [Diagnosis](#) [As hyperthymesia is a rare ability, there is currently no formal way of diagnosing it.](#) [Some research suggests that people with hyperthymesia have hyperactivity in certain parts of their brain.](#) [Doctors could potentially, therefore, assess whether a person has HSAM by taking an MRI scan while they undergo a memory test.](#) [About](#) [Careers](#) [Advertise with us](#) [OUR BRANDS](#) [Healthline](#) [Medical News Today](#) [Greatist](#) [Psych](#) [.Central](#) [Bezzly](#) [See additional information](#)