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Name of Journal: *Artificial Intelligence in Medical Imaging*

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Manuscript Type: CASE REPORT

Cerebral amyloid angiopathy vs Alzheimer's dementia: Diagnostic conundrum

Arberry J *et al.* CAA vs AD

Jamie Arberry, Sarneet Singh, Ruth Akiyo Mizoguchi

Abstract

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The history of how to diagnosis cerebral amyloid angiopathy (CAA) tells the story of the disease itself. CAA is defined by histopathology—deposition of β -amyloid in the cerebrovasculature—and through the 1980s the disorder was only diagnosed in patients with available brain tissue from hematoma evacuation, biopsy, or most commonly post-mortem exam. 1 Introduction of the imaging-based ...

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Cerebral Amyloid Angiopathy Pathology and Cognitive ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3228518>

Cerebral amyloid angiopathy (CAA) is common in older persons, 1,2 and in a small number, particularly when severe, has been related to serious adverse neurological conditions, most commonly hemorrhage. 3 CAA has also been implicated in dementia, 4 infarcts, 5 and more recently brain microbleeds. 6 A general role for CAA in cognitive impairment in aging is controversial



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Cerebral amyloid angiopathy (CAA) is a fundamental part of the pathology of many disorders causing dementia and/or cerebral haemorrhage. In Alzheimer's disease (AD), CAA is due to the deposition of amyloid alpha protein (A β) within the adventitia and media of ...

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Cerebral amyloid angiopathy vs Alzheimer's dementia: D



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