OPPORTUNITIES, CHALLENGES AND ETHICS IN AMYLOID AND NEUROIMAGING

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Imaging can have positive impact in identifying patients with AD before the onset of the symptoms. There are studies suggesting that machine learning techniques such as support vector machine (SVM) and fMRI can be used successfully in identifying patients 5 to 10 years before the onset of AD. However, there are some important items that has to be addressed: validation of machine learning and fMRI as in vitro diagnostic methods, access to that information (insurance companies, healthcare providers), high cost.

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