



Alzevita

Advancing Neuroimaging with AI Technology

Introducing Alzevita

We are excited to introduce Alzevita, a ground breaking AI tool to support with the diagnosis of neurological conditions such as Alzheimer's disease. Alzevita supports radiologists and imaging professionals streamline brain MRI analysis through automated hippocampal segmentation and reporting volumetric analyses - enhancing consistency, speed, and clinical confidence.

What is Alzevita?

Alzevita expedites medical imaging workflows by offering AI-driven segmentation and volumetric analysis tools for brain MRI. It enables more efficient data processing, standardisation across operators, and supports use in both clinical and research settings.

Alzevita:

- Reduces time and manual effort
- Is designed for radiologists and neuroimaging teams
- Enables longitudinal structural comparisons
- Is built to support future multi-region brain analysis

Key Features of Alzevita:

- **Automated Hippocampal Segmentation:** AI-powered segmentation of the hippocampus from MRI scans, ensuring accuracy and precise measurements.
- **Real-Time Volume Calculation:** Instant volume measurements for the segmented hippocampus, aiding in fast and reliable diagnosis.
- **User-Friendly Interface:** Easy-to-use platform for seamless upload, visualisation, and MRI data analysis.
- **Cloud-Based Processing:** Scalable, fast cloud-based processing, accessible from any device without the need for high-end hardware.

How Alzevita Works?

Alzevita leverages AI to streamline brain MRI analysis by automating hippocampal segmentation and generating reproducible volumetric data. Here's how the workflow functions:

→ Upload

Load brain MRI scans in compatible formats such as DICOM or NIFTI.

→ Segment

AI automatically segments predefined brain regions, including the hippocampus.

→ Quantify

Volumetric data is generated instantly, ensuring precision and consistency.

→ Export

Standardised reports can be exported for review, documentation, or archiving.

Benefits of Alzevita:

- Automates manual segmentation of brain MRI scans
- Objective analytical consistency across operators and time points
- Structured and reproducible volumetric outputs
- Seamless integration into existing imaging workflows
- Creates workflow efficiencies and reduces manual tracing
- Compatible with DICOM and NIFTI

Why Alzevita?

Alzevita:

- Can accurately provide a brain volumetric analysis to support with diagnosis of neurological conditions.
- Supports early diagnosis, which is critical for planning care and treatment.
- Improves monitoring of disease progression with consistent, quantitative data.
- Empowers clinicians to make informed decisions with AI-enhanced precision.



The Future of Brain MRI Analysis

Alzevita is a game-changer in neuroimaging, empowering healthcare providers to:

- Automate hippocampal segmentation with AI
- Generate consistent volumetric reports instantly
- Streamline radiology workflows with reproducible results

Big thanks to our team for driving innovation in healthcare!



www.alzevita.com

Alzevita is currently being used for research purposes and is undergoing regulatory approval for UKCA marking, EU CE certification and US FDA approval.

Alzevita is intended for the analysis of MRI scans and volumetric measurement of the hippocampus to aid diagnosis. All clinical interpretation, diagnosis, and treatment decisions should be made exclusively by qualified healthcare professionals.

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Let's transform brain MRI analysis together with Alzevita!