QP-Brain®

Quibim

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The evolution in brain MRI analysis

CE marked, 510(k) cleared, and UKCA marked.

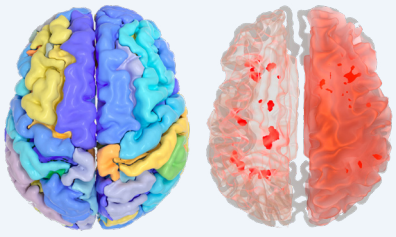
Discover QP-Brain®

With an aging population and the escalating burden of neurodegenerative diseases, there's a growing need for more accurate assessments to detect early changes in the volume of different brain structures, WMH (white matter hyperintensities) load, and location. QP-Brain is an AI-powered tool that redefines brain MRI analysis by providing quantitative evaluations for enhanced detection and a better understanding of brain atrophy and lesions.

QP-Brain automates the quantitative analysis of patients' brain imaging, consolidating data on brain structure volumes and WMH load/location for improved diagnostics and follow-up. It also streamlines and improves the efficiency of radiological reporting by communicating the quantitative analysis of patients' brains.

QP-Brain: redefining the standards of radiological analysis
QP Brain is being made available to select US and European academic medical centers for clinical and/or research deployments in return for usage, clinical feedback, and research purposes.

Product advantages
QP-Brain delivers objective longitudinal analyses of visual findings and boasts versatility, requiring only a FLAIR sequence for WMH analysis, optimizing accessibility for community hospitals.



Key features & applications

1. Quantitative analysis

QP-Brain offers a quantitative analysis of patients' brain MRI, delivering automatic quantification and display of imaging findings and data, such as the volumes of key intracranial structures and WMH load/location.

2. Precision in brain volumetry

Outperforms in diagnosing central nervous system disorders by measuring absolute and relative volumes of grey and white matter, cerebrospinal fluid, and analyzing 132 distinct brain regions (L/R).

3. Innovative AI technology

Our patented AI ensemble excels in WMH detection and segmentation, effectively filtering out physiological hyperintensities like ependymal enhancements.

4. Democratizing access with standard protocols

QP-Brain supports WMH segmentation using a 2D FLAIR input, obviating the need for 3D-T1.

5. Objective reporting

Confirm visual findings with objective quantitative results. Leverages an extensive normative database.

6. Dynamic workflow

Outputs are available for viewing in standard hospital PACS environments, appearing as an additional series in a patient folder. No additional workstations or viewing environments are necessary.

7. GDPR & HIPAA compliant

Installed on a hospital server behind the firewall, QP-Brain rendering is anonymized, typically through a secure Cloud environment (AWS, Microsoft Azure).

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