Patient-Owned MRI Intelligence Engine

A patient-centered MRI interpretation and education platform.

Designed to improve understanding, engagement, and continuity of care.

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The Patient Experience Challenge

Patients often leave MRI appointments with unanswered questions.

Radiology reports are clinically accurate but not patient-readable.

Lack of understanding increases anxiety, follow-up calls, and care friction.

Why This Matters to Patient Care

Informed patients are more engaged and compliant.

Clear explanations reduce anxiety and uncertainty.

Improved understanding strengthens trust in care teams.

What We Are Proposing

A supplemental MRI intelligence tool focused on patient education.

Provides clear, structured explanations of MRI findings.

Designed to be reviewed with clinicians or independently by patients.

What Patients Receive

Clear indication of whether lesions are present.

Anatomical context using standardized brain regions.

Plain-language explanation of potential symptom domains.

A concise, take-home PDF summary.

How It Fits into Clinical Workflows

Does not replace radiology or clinical judgment.

Functions as a post-visit educational resource.

Can reduce repeat questions and follow-up confusion.

Operational Benefits for Hospitals

Improved patient satisfaction scores.

Reduced cognitive burden on care teams.

Enhanced continuity across longitudinal imaging.

Low-friction integration with existing imaging workflows.

Technology Overview

Secure ingestion of MRI DICOM data.

AI-assisted lesion detection and region mapping.

Explainable, rules-based symptom domain associations.

Privacy-first, patient-controlled data handling.

Safety and Positioning

Non-diagnostic, informational support tool.

Explicitly positioned as complementary to clinician interpretation.

Designed to align with patient education best practices.

Who This Helps First

Patients with chronic neurological conditions.

Patients undergoing repeated MRI studies.

Care teams managing long-term imaging follow-up.

Current Status

Working prototype with open-source foundation.

MRI ingestion and analysis pipeline implemented.

Initial reporting framework available.

Pilot Opportunity

Small-scale pilot focused on patient comprehension.

Usability and satisfaction feedback collection.

No disruption to existing clinical operations.

Founder Perspective

Built by an engineer with prior health-tech leadership experience.

Informed by firsthand experience navigating MRI-driven care.

Focused on practical tools that improve real patient outcomes.

Why Now

Growing emphasis on patient experience and transparency.

Increased use of advanced imaging in chronic care.

Hospitals seeking scalable, patient-centered innovation.

Next Steps

Identify clinical champions.

Define pilot scope and success metrics.

Explore integration pathways.