



Pixyl.Neuro

AI-Powered Insight
for Improved Patient Care



Pixyl.Neuro is part of a portfolio dedicated to AI-assisted MRI analysis
Available directly from Pixyl, or via OEM, PACS, and AI platforms



ENHANCED PATIENT CARE

With clinical decision support

- Flag potential findings with objective assessment
- Monitor clinically relevant biomarkers for enhanced radiology reports
- Accurate results based on expertly validated datasets
- Reliable & robust performance in the face of real-world MRI heterogeneity
- Proven benefits through clinical validation

FACILITATED REPORTING

With quantitative information at your fingertips



- Accelerated reporting, with quality and precision
- Results within MRI scan time (analysis time < 5 min)
- Zero-click longitudinal analysis (automatic retrieval)
- Prior scan co-registered for simplified review
- Seamlessly integrated into existing systems and workflows, requiring just a single conventional MRI



PEACE OF MIND

With a secure trusted solution

- **FDA** cleared class II
- **CE**-marked class IIa (MDR)
- HIPAA & GDPR compliant — On-site de-identification
-  **certified**
- Certified for secure healthcare-data hosting (HDS compliant)



Pixyl.Neuro.MS

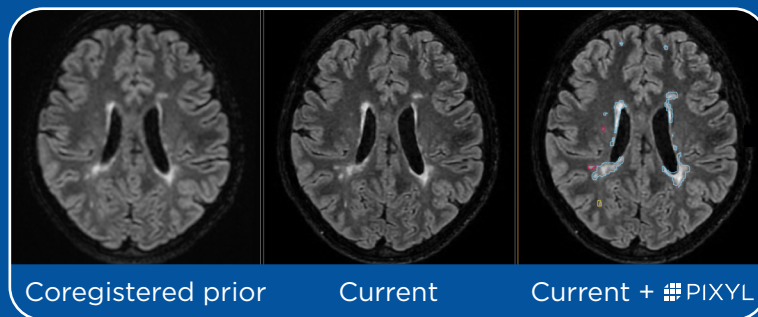
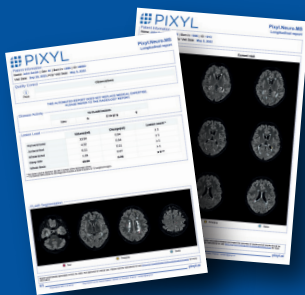
Neuroinflammatory disorders

Input: 3D T2-FLAIR sequence

Output: PDF Report + Annotated DICOM + Coregistered prior scan

Detection, quantification & categorization (new, enlarging, stable) of hyperintensities.
Flag subtle changes between visits.

- Accelerated case reading (up to 50%) ^a
- Enhanced detection rate (up to 28%) ^b
- Disease stability peace-of-mind



New
Enlarging
Stable



Pixyl.Neuro.BV

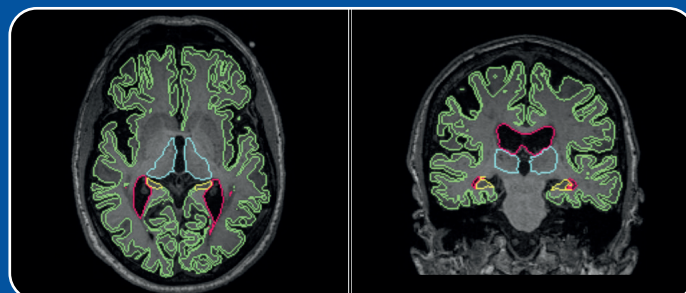
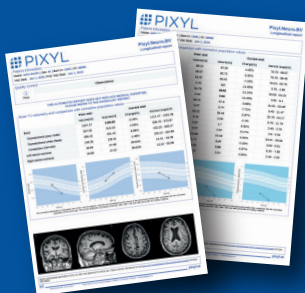
Neurodegenerative diseases

Input: 3D Gradient Echo T1 sequence

Output: PDF report + Annotated DICOM + Coregistered prior scan

Brain volume quantification for objective measurements and comparison of brain structures with normative data, adjusted for age and intracranial volume.

- Better understanding of the pattern of atrophy
- Highlight abnormalities
- Support early differential diagnosis ^c



Cortex
Ventricles
Thalami
Hippocampi



References



“Pixyl.Neuro.MS has dramatically improved our ability to detect new lesions on follow-up MRIs, with greater accuracy and confidence. For the investigation of cognitive disorders, Pixyl.Neuro.BV provides reliable information and offers new insights to diagnose neurodegenerative diseases.”

Prof Krainik, University Hospital Grenoble Alpes (France)

“Pixyl has been an incredible asset to our Neuroradiology Section, optimizing daily workflow, reducing turnaround times and enhancing Radiology reports.”

Dr Ramos, Hospital Universitario 12 de Octubre, Madrid (Spain)

“Pixyl.Neuro.BV provides our service with quantitative information invaluable for diagnosis, and enables a rationalization of the therapeutic decision-making process.”

Prof Bozzao, Villa Margherita, Roma (Italy)



Winner of the French Radiology Society 2019 Data Challenge



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Partnered with the French Observatory for Multiple Sclerosis