

AI solution for analyzing brain MRI images for ages 0-24 months old



The precise Segmentation Analysis Technology of AQUA Pediatrics

Brain Maturation Index

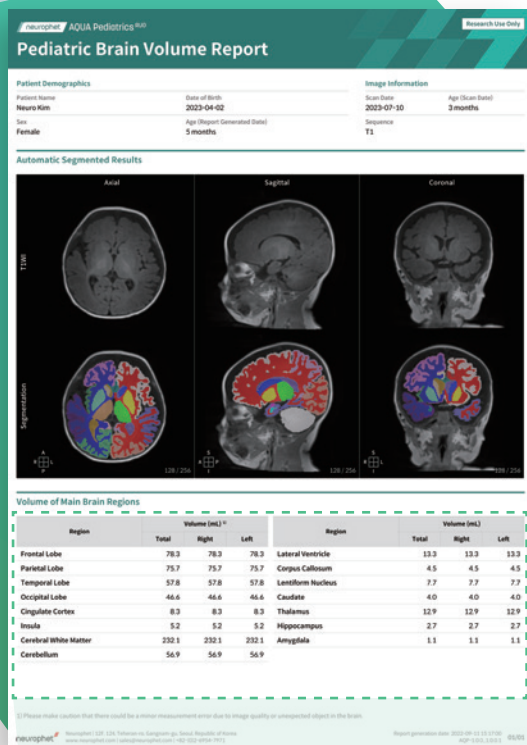
Potential Clinical Impact

Estimate brain prematurity, monitor developmental progress, and tailor interventions for improved patient outcomes.

AQUA Pediatrics

User Feedbacks

Interview



Pediatric Neurosurgery | US

There is no brain imaging AI solution for infants and young children, and **AQUA Pediatrics demo** will help me to expand the scope of my research.



Neurologist | US

Having experienced **AQUA Pediatrics demo**, I am impressed with the completeness and accuracy.



Pediatric Neuroradiologist | UK

The interface is similar to other solutions and more user-friendly than I've used in the past, so I was able to adapt quickly.

Sample

Volume of Main Brain Regions

Image Information

Scan Date 2023-07-10 Age(Scan Date) 3 months Sequence T1 Sex Female

Region	Volume (mL)		
	Total	Right	Left
Frontal Lobe	78.3	78.3	78.3
Parietal Lobe	75.7	75.7	75.7
Temporal Lobe	57.8	57.8	57.8
Occipital Lobe	46.6	46.6	46.6
Cingulate Cortex	8.3	8.3	8.3
Insula	5.2	5.2	5.2
Cerebral White Matter	232.1	232.1	232.1
Cerebellum	56.9	56.9	56.9
Lateral Ventricle	13.3	13.3	13.3
Corpus Callosum	4.5	4.5	4.5
Lentiform Nucleus	7.7	7.7	7.7
Caudate	4.0	4.0	4.0
Thalamus	12.9	12.9	12.9
Hippocampus	2.7	2.7	2.7
Amygdala	1.1	1.1	1.1

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for more information!



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