

AQUA Pediatrics For 0-24 Months old

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



Core feature summary

Age Range: 0-24 months (including preterm)

Providing automatic brain MR image segmentation (both TI and T2-weight)

Supports both DICOM/NIfTI

02 AQUA Pediatrics provides

Analysis of 15 brain regions possible

Brain image analysis result viewer and report

Analysis values download function in CSV form

Provide Region and Volume values at selected position with Crosshair

The precise Segmentation Analysis Technology of AQUA Pediatrics

Precision analysis possible from a newborn's 400cc brain volume





Brain Maturation Index

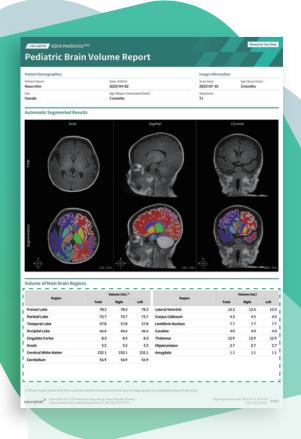
Gain valuable insights into neonatal brain development providing a comprehensive assessment of brain maturity for enhanced clinical understanding.

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 Al 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.

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

Contact us for more information!



www.neurophet.com

