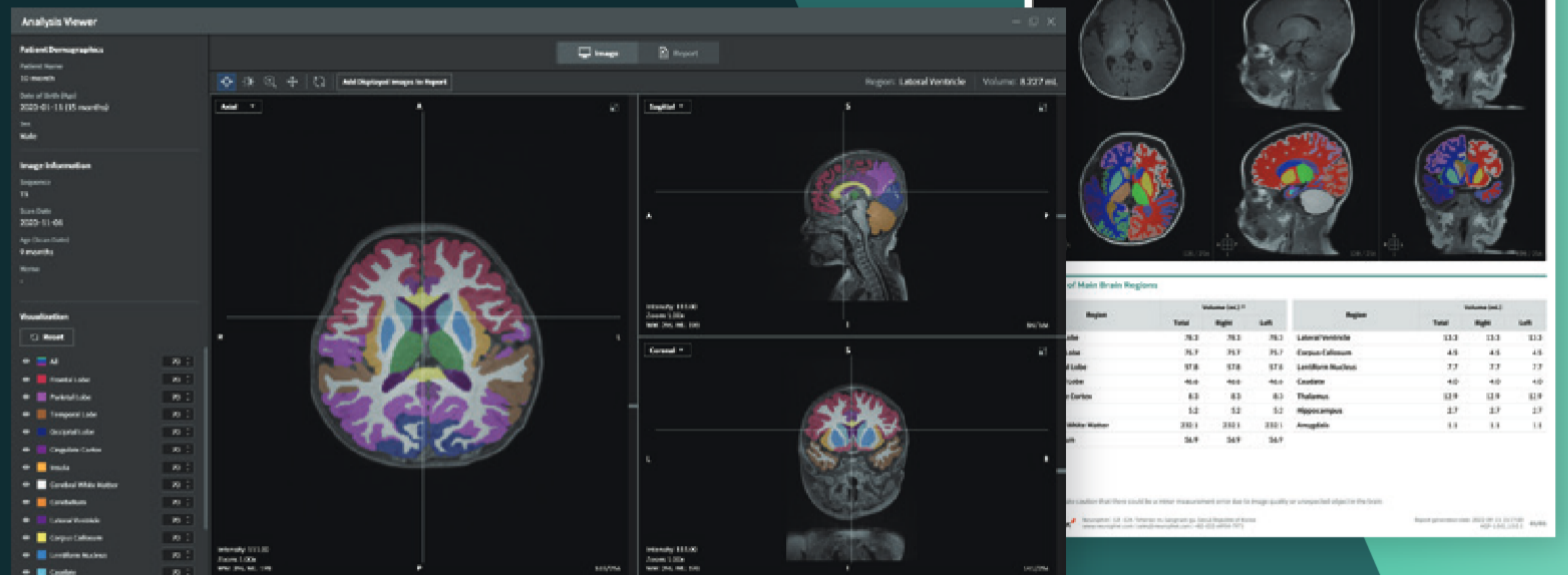


neurophet

AQUA Pediatrics

AQUA Pediatrics *For 0-24 Months old*

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



01 Core feature summary

Age Range: 0-24 months (including preterm)

Providing automatic brain MR image segmentation (both T1 and T2-weight)

Supports both DICOM/NIfTI

02 AQUA Pediatrics provides

Analysis of 15 brain regions possible

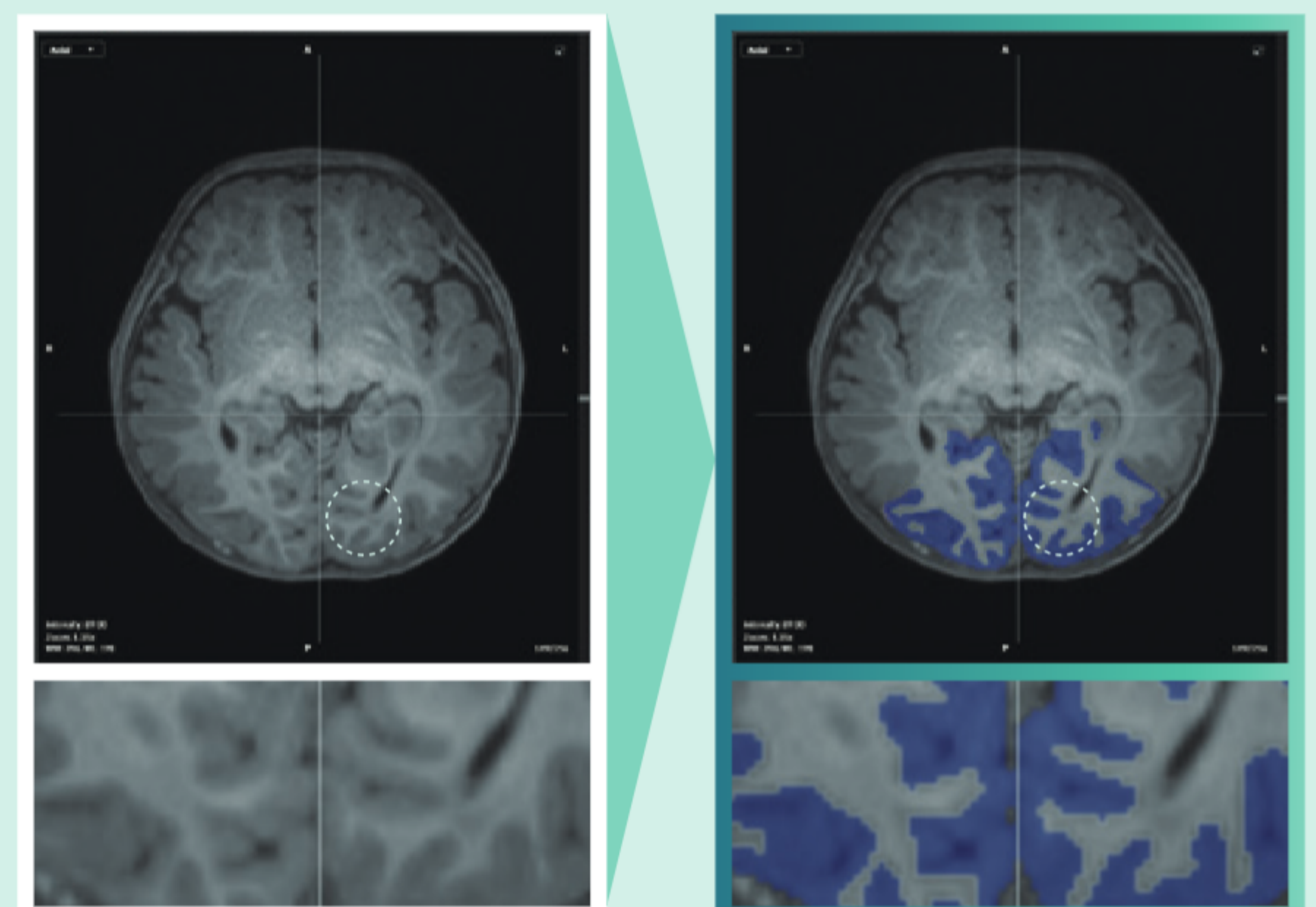
Brain image analysis result viewer and report

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 AI solution for infants and young children, and **AQUA Pediatrics demo** will help me to expand the scope of my research.



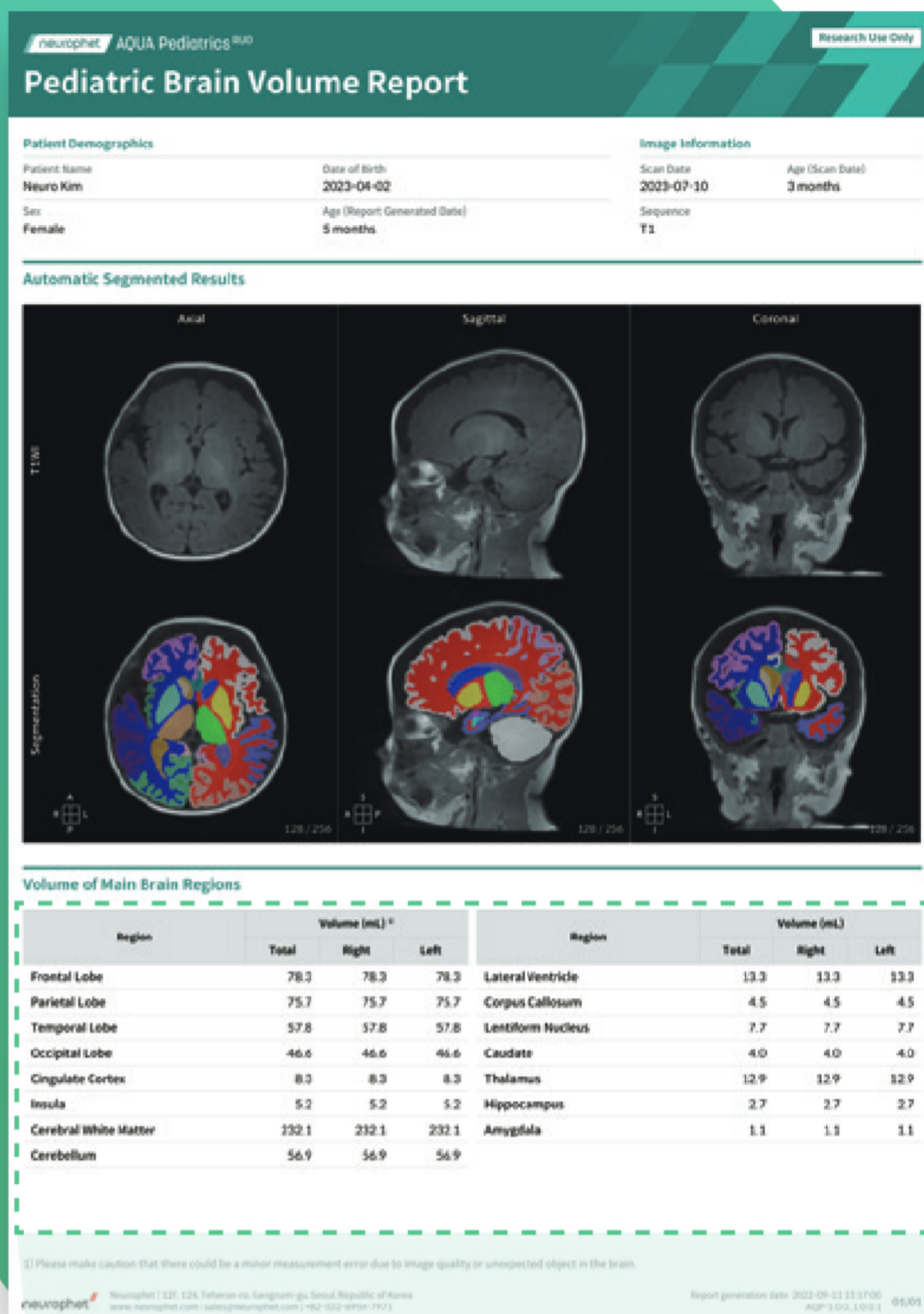
Neurologist | US

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

Contact us
for more information!



www.neurophet.com



NEUROPHET Inc.

12F, 124, Teheran-ro, Gangnam-gu, Seoul,
Republic of Korea

T. +82 2 6954 7971

F. +82 2 6954 7972

E. contact@neurophet.com

www.neurophet.com

© 2024. NEUROPHET Inc., All rights reserved.