

# NeuroQuant®

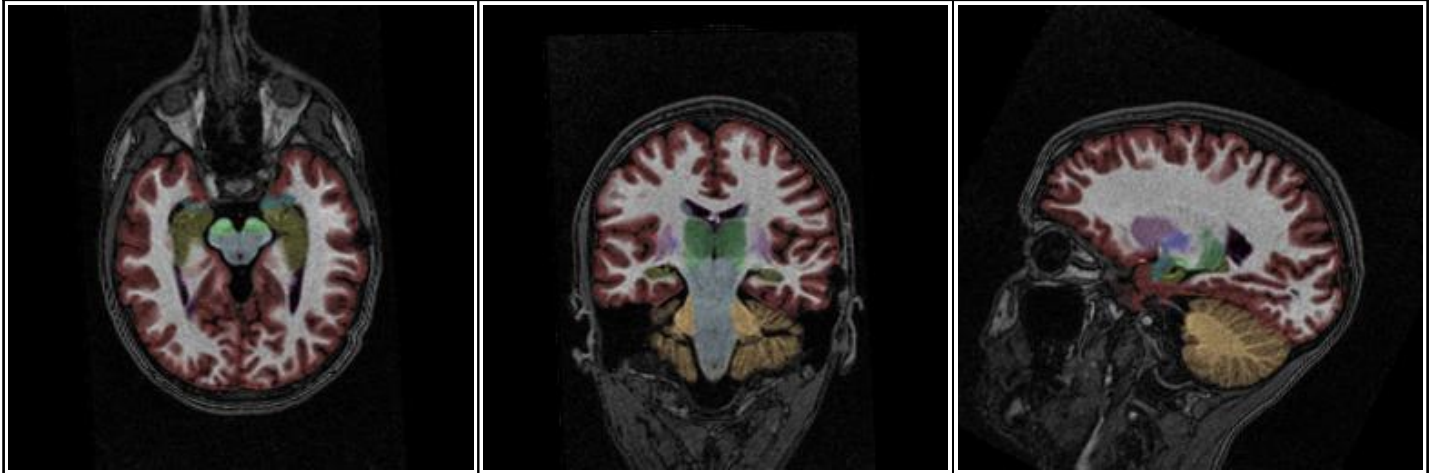
## Triage Brain Atrophy Report

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### PATIENT INFORMATION

<b>Patient ID:</b>	<b>Patient Name:</b>	<b>Sex:</b> M	<b>Age:</b> 18
<b>Accession Number:</b>	<b>Referring Physician:</b>	<b>Exam Date:</b>	

### MORPHOMETRY RESULTS



Intracranial Volume (ICV) (cm <sup>3</sup> )	ICV Z-score		ICV Percentile		Cortical Brain Regions	LH Z-score	LH %	RH Z-score	RH %
1756.66	0.43		67		<b>Frontal Lobe</b>				
					<b>Precentral</b>	1.47	93	0.81	79
					<b>Premotor</b>	> 1.65	99	> 1.65	> 99
					<b>Superior Frontal</b>	0.99	84	0.32	63
					<b>Anterior Middle Frontal</b>	1.36	91	1.28	90
					<b>Parstriangularis</b>	-0.92	18	0.13	55
					<b>Lateral Orbito Frontal</b>	-0.12	45	-0.17	43
					<b>Pars Orbitalis</b>	1.34	91	0.63	73
					<b>Parietal Lobe</b>				
					<b>Inferior Parietal</b>	-0.02	49	0.25	60
					<b>Superior Parietal</b>	0.39	65	-0.11	45
					<b>Medial Parietal</b>	-0.53	30	0.32	63
					<b>Supra Marginal</b>	< -1.65	3	-1.54	6
					<b>Primary Sensory</b>	-0.76	22	-0.18	43
					<b>Primary Motor</b>	-0.98	16	-0.91	18
					<b>Occipital Lobe</b>				
					<b>Medial Occipital</b>	0.89	81	0.57	71
					<b>Lateral Occipital</b>	-0.32	37	-0.62	27
					<b>Temporal Lobe</b>				
					<b>Fusiform</b>	1.62	95	1.41	92
					<b>Anterior Medial Temporal</b>	1.03	85	0.96	83
					<b>Posterior Medial Temporal</b>	0.38	65	0.48	68
					<b>Temporal Pole</b>	-1.03	15	-0.79	21
					<b>Transverse + Superior Temporal</b>	-0.06	47	-0.81	21
					<b>Posterior Superior Temporal Sulcus</b>	-0.61	27	-1.08	14
					<b>Middle Temporal</b>	0.26	60	-0.10	46
					<b>Inferior Temporal</b>	-1.10	14	0.64	74
					<b>Limbic Lobe</b>				
					<b>Caudal + Rostral Ant Cingulate</b>	0.97	83	0.93	82
					<b>Isthmus + Post Cingulate</b>	-0.06	48	0.92	82

Brain Structure	LH Z-score	LH %	RH Z-score	RH %
<b>Total Cerebral White Matter</b>	0.11	54	0.43	67
<b>Total Cerebral Grey Matter</b>	0.20	58	0.26	60
<b>Total Ventricle</b>	-0.06	48	0.17	57
<b>Cerebellar White Matter</b>	0.25	60	0.57	72
<b>Cerebellar Gray Matter</b>	1.49	93	1.27	90
<b>Brainstem</b>	0.77	78	1.04	85
<b>Thalamus</b>	-0.97	17	-0.91	18
<b>Ventral Diencephalon</b>	-0.62	27	-0.22	41
<b>Hippocampus</b>	-1.41	8	-1.33	9
<b>Amygdala</b>	-1.61	5	< -1.65	2
<b>Basal Ganglia</b>				
<b>Putamen</b>	-0.82	21	-0.79	21
<b>Caudate</b>	-0.25	40	-0.64	26
<b>Nucleus Accumbens</b>	-0.26	40	-0.55	29
<b>Pallidum</b>	-0.94	17	-1.07	14