

# NeuroQuant<sup>®</sup>

## Triage Brain Atrophy Report

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### PATIENT INFORMATION

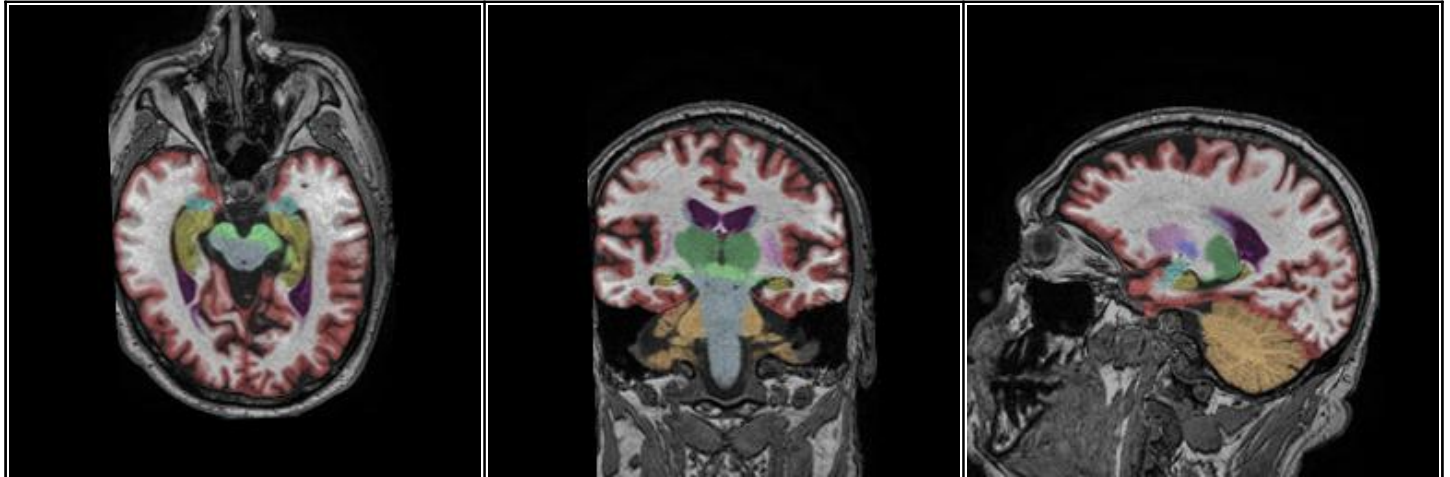
Version 3.0.0

<b>Patient ID:</b> X100559760	<b>Patient Name:</b> Charlton, Jeffrey	<b>Sex:</b> M	<b>Age:</b> 71	<b>Referring Physician:</b>
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### SCAN INFORMATION

<b>Scan Date:</b> 2021-03-10	<b>Accession Number:</b> NV1X01002418612
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### MORPHOMETRY RESULTS



Structure	Total Volume (cm <sup>3</sup> )	Percentile		
		Left	Right	Total
Intracranial Volume	1636	-		
Whole Brain	1268	84		
Forebrain Parenchyma	1099	80		
Total Volumes	Percentiles			
Cerebral White Matter	99	99	99	
Cortical Gray Matter	6	5	5	
Ventricles	26	33	29	
Cerebral WM Hypointensities*	11	2	7	
Subcortical Structures				
Cerebellar White Matter	92	86	89	
Cerebellar Gray Matter	63	38	52	
Brainstem	-	-	74	
Thalamus	81	94	90	
Ventral Diencephalon	8	81	39	
Basal Ganglia				
Putamen	87	53	75	
Caudate	43	62	54	
Nucleus Accumbens	30	87	61	
Pallidum	43	41	42	
Cingulate	42	36	37	
Anterior Cingulate	75	25	43	
Posterior Cingulate	44	36	39	
Isthmus Cingulate	19	74	43	
Cortical Brain Regions	Percentiles			
	Left	Right	Total	
Frontal Lobes	13	24	18	
Superior Frontal	3	26	9	
Middle Frontal	50	32	39	
Inferior Frontal	12	23	15	
Lateral Orbitofrontal	21	25	21	
Medial Orbitofrontal	49	75	68	
Paracentral	90	71	87	
Primary Motor	36	20	26	
Parietal Lobes	15	8	10	
Primary Sensory	8	29	14	
Medial Parietal	68	62	67	
Superior Parietal	9	3	3	
Inferior Parietal	68	36	52	
Supramarginal	9	4	4	
Occipital Lobes	65	5	27	
Medial Occipital	85	42	70	
Lateral Occipital	42	2	11	
Temporal Lobes	1	2	1	
Transverse Temporal + Superior Temporal	1	15	3	
Posterior Superior Temporal Sulcus	89	90	92	
Middle Temporal	1	1	1	
Inferior Temporal	1	1	1	
Fusiform	36	13	21	
Parahippocampal	97	86	95	
Entorhinal Cortex	71	72	73	
Temporal Pole	4	3	2	
Amygdala	51	61	56	
Hippocampus	56	16	31	

\*White matter hypointensities are abnormally low signal intensity regions within white matter as observed on a T1-weighted MRI scan.

Comments: RESEARCH MODE - NOT FOR CLINICAL USE.