



**CORTECHS Labs**  
Better insight through quantitative imaging.

**FOR IMMEDIATE RELEASE**

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**CorTechs Labs Reveals Enhanced NeuroQuant Features at RSNA 2018**

*NeuroQuant® 3.0 introduces advanced features for enhanced results and improved customer experience*

(SAN DIEGO) Nov. 16, 2018 - CorTechs Labs, the leading medical software innovator providing solutions for quantitative brain volume analysis, is pleased to announce the newest software release of NeuroQuant in time for the annual meeting of the Radiological Society of North America (RSNA).

NeuroQuant 3.0 brings improved precision and accuracy, providing physicians and researchers worldwide with fast, easy-to-use quantitative image analysis solutions. Updated features include a new change visualization output, enhanced segmentation accuracy, and upgraded reports.

The NeuroQuant 3.0 release brings physicians new clinically relevant features and expanded usability. "We are always looking to increase the clinical benefits our quantitative imaging products bring to physicians and improve our product's integration into their workflows, and I'm pleased to say the 3.0 release accomplishes both," said Chris Airriess, CorTechs Labs' COO. "These new features along with our product roadmap for 4.0 serve to demonstrate our commitment to the technology and desire to shape the future of the industry as the ongoing market leader".

### 3.0 Feature Specifics

- Chance Visualization Output – provides a precise comparison of two 3D T1 scans and highlight volumetric changes between time points in an easy to interpret heat map overlay.
- Enhanced Segmentation Accuracy – partnerships with leading scanner manufacturers, including, GE, Philips, Siemens, and Hitachi, provides the ability to correct for gradient distortions, image inhomogeneity and other image preprocessing steps to achieve high-quality, accurate segmentation data.
- Improved Reports – The Brain Development report now includes intracranial volume, whole brain volume, forebrain parenchyma, total ventricles, cerebral white matter, cerebellar and total lobe volumes. The Triage Brain Atrophy report now includes additional global atrophy measures. The update adds whole brain volume, forebrain parenchyma volume, and cerebral white matter hypointensities to one of our most widely used and informative reports.
- Enterprise Features – High-level security sites can now integrate two-factor authentication and multi-user management for greater control. Administrators have access to a process log to review each report and each user on the system.

LesionQuant™, a module of NeuroQuant, will include the same updates in the 3.0 release. CorTechs Labs announces the official release of NeuroQuant 3.0 at RSNA 2018 at booth number 7944.

CorTechs Labs will roll out the new version to all Online System customers and upgrade locally Installed Systems as requested. For more information on the NeuroQuant 3.0 release features, visit [www.cortechslabs.com/neuroquant](http://www.cortechslabs.com/neuroquant).

### **About NeuroQuant**

CorTechs Labs' flagship product, NeuroQuant, is the first FDA 510(k) cleared, CE marked, and Health Canada, Australia, and Korea licensed medical device software providing physicians with fast, accurate, proven and fully automated quantitative 3D T1 MRI post-processing image analysis. NeuroQuant is used by physicians worldwide in patients ranging from 3 to 100 years of

age as a supplemental tool to measure brain structure volumes and confidently assess the presence of neurodegeneration of brain structures.

The LesionQuant module of NeuroQuant can assist physicians in their clinical evaluation process, clinical treatment planning and monitoring of disease progression by combining T2 FLAIR with 3D T1 scans for quantitative lesion analysis. It automatically visualizes lesions and lesion volume changes and provides longitudinal changes in brain structure volumes.

### **About CorTechs Labs**

CorTechs Labs develops and markets breakthrough medical device software solutions capable of automatically segmenting and quantifying brain structures, making the quantitative analysis of the human brain a routine part of clinical practice. CorTechs Labs' cutting-edge brain imaging analysis provides neurologists, radiologists, and clinical researchers worldwide with a convenient and cost-effective means to quantify subcortical structures to help assess a variety of neurological conditions, such as Alzheimer's disease, epilepsy, multiple sclerosis, brain trauma, and brain development abnormalities. Please visit [www.cortechslabs.com](http://www.cortechslabs.com) for further information.