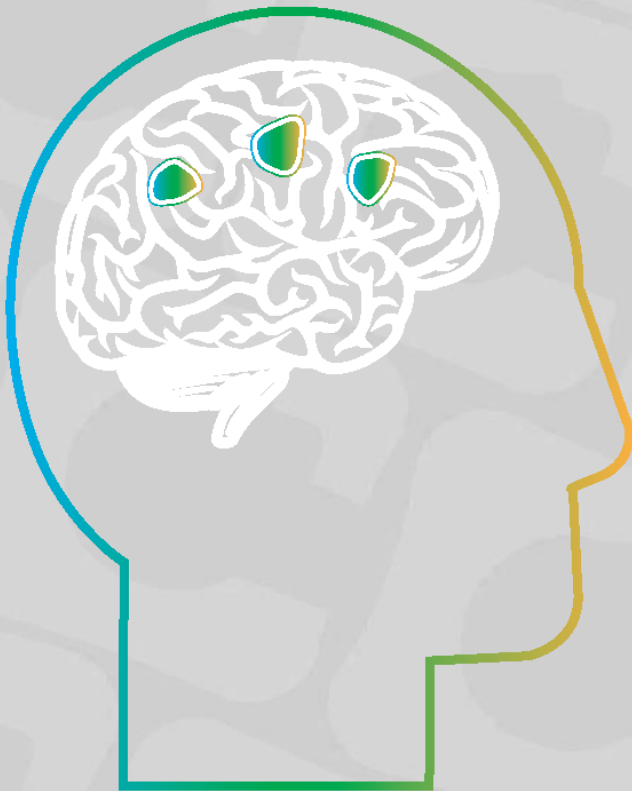# LesionQuant

NeuroQuant
Quick Start Guide
Installed System

For LesionQuant users on an Installed System.

Follow this checklist to correctly set up and process 3D T1 and FLAIR MR images.

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Better insight through quantitative imaging.

Start

Getting Started

- ❏ Download recommended <u>scanner settings for both NeuroQuant and LesionQuant</u> for GE, Philips, Siemens, Toshiba (1.5 T and 3.0 T) and Hitachi (1.2 T, 1.5 T and 3.0T)

- ❏ Ensure that NeuroQuant can be run on your operating system. Supported systems include Mac OS X, Microsoft Windows and Ubuntu Linux.

    - ❏ See Hardware Requirements for detailed information. www.cortechslabs.com/resources/installed-system

Logging In

- ❏ Using the default User ID [admin] and Password [ctxapp], log into NeuroQuant: https://hostname

    - ❏ Replace 'hostname' with the IP address of your NeuroQuant system, if logging in from a different computer.

- ❏ After logging in, you will be directed to change your password.

- ❏ Your password* must have:

    - ❏ At least eight (8) characters

    - ❏ At least one UPPER CASE letter

    - ❏ At least one special character (e.g. @,#,$,%, etc.)

- ❏ Confirm new password by entering twice.

* Protect the privacy of your account and data by using a strong and hard to guess password.

Site Configuration/System Admin

- ❑ Configure site specific settings on the *Site Configuration* page.

    - ❑ Enter the correct administrator email and valid SMTP server (if required) to ensure system messages are received.

    - ❑ Modify the data retention period from the default (365 days), if desired.

    - ❑ Select the minimum lesion size and separation values, as needed.

- ❑ Click Submit to save changes. All changes will be lost if submit is not clicked before navigating away from the page.

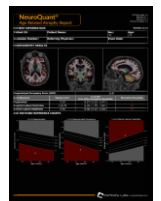   NOTE: DO NOT change the Site Name or your license key will be invalidated.

Queue Monitor

Dark Background

- ❑ Checking the Dark Background box will convert all reports to a dark background.

- ❑ Even when the Dark Background box is checked, white background PDF reports are available by download in the *Queue Monitor* page.

CSV Output File

- ❑ Must be enabled by license to use.

- ❑ Clicking the CSV icon will export all data in a user account as a ZIP file.

Process 3D T1 and FLAIR Scans

Using port 104 on the NeuroQuant system:

❑ Select the destination DICOM AETitle that corresponds to the required report.

Report to Generate	Destination DICOM AETitle
LesionQuant FLAIR Report	lesionquant
LesionQuant FLAIR Report PLUS	lesionquant_plus

❑ If two time points are available, send the **prior/baseline series** images to the same report type, matching the report desired (if not, skip this step):

    ❑ T1-weighted, sagittal, non-contrast enhanced 3D MR series as DICOM images acquired using NeuroQuant recommended scanner settings

    ❑ Matching 2D or 3D FLAIR axial or sagittal series as DICOM images

    ❑ Ensure that PatientID <u>and</u> StudyInstanceUID matches in this uploaded 3D T1/FLAIR pair.

❑ Send the **new/current series** of images to the same report type, matching the report desired:

    ❑ T1-weighted, sagittal, non-contrast enhanced 3D MR series as DICOM images

    ❑ Matching 2D or 3D FLAIR axial or sagittal series as DICOM images

    ❑ Ensure that PatientID <u>and</u> StudyInstanceUID matches in this uploaded 3D T1/FLAIR pair

❑ When the upload dialog box closes, your series will be automatically queued for processing.

    ❑ It may take several minutes for your series to be transferred.

❑ Check that upload progress is displayed.

    ❑ Processing will start automatically.

    ❑ It could take up to 30 minutes to process, depending on computer performance specifications.

LesionQuant Complete

❑ Output will be sent automatically in DICOM format to the PACS host configured in the *System Administration* settings.

❑ Consult the NeuroQuant user manual or support@cortechslabs.com for more information.

For more tips and information on LesionQuant, visit our Cortechs Labs Blog

Finish

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