# **COVID-19 Volumetric Report Package**

CorTechs Labs is bringing the most widely used clinical brain quantification tool to aid in the COVID-19 pandemic. This package is free for all clinical facilities seeing COVID-19 patients or for COVID-19 research.

#### **COMPLIMENTARY REPORT PACKAGE**

### 1. LesionQuant FLAIR Lesion Report

According to recent clinical findings, COVID-19 patients under the age of 50 are often presenting with large vessel strokes. The LesionQuant report gives detailed volumetric structural brain measurements in addition to lesion volumes, percent of intracranial volume, normative percentiles, and total lesion burden.

### 2. NeuroQuant Triage Brain Atrophy (TBA)

The TBA report allows for quick identification of swelling in the whole brain, and brain regions, particularly the frontal and temporal lobes as seen in some severe COVID-19 cases. For encephalitis, volumes for the whole brain, individual lobes, and numerous structures relevant to COVID-19 are given, providing an immediate overview from a global and individual structure perspective.

## 3. Custom COVID-19 Report

The Custom COVID-19 Report includes brain structures that could be affected by COVID-19: cerebellum, brainstem, whole brain, frontal lobes, frontal poles, medial orbitofrontal lobes, anterior middle frontal lobes, thalamus, amygdalae and cerebral white matter hypointensities. This report provides raw volume, percent of ICV, and normative percentiles for each structure.

