

**IQ-AI Ltd**  
("IQ-AI" or the "Company")

**Study Using Imaging Biometrics' Brain Tumor Image Analysis Software Wins 2019's Top Award from the American Journal of Neuroradiology**

Imaging Biometrics, LLC, (IB), a wholly-owned subsidiary of IQ-AI and the recognized industry leader in quantitative imaging analysis for brain tumor diagnosis and treatment, is proud to announce its software applications for vascular mapping of tumors were featured in the top-award-winning article in the March 2020 issue of the American Journal of Neuroradiology (AJNR). AJNR, a publication of the American Society of Neuroradiology, presented the article with the Lucien Levy Best Research Article Award, recognizing it as the best original research paper accepted in 2019.

The article, *"Performance of Standardized Relative CBV for Quantifying Regional Histologic Tumor Burden in Recurrent High-Grade Glioma: Comparison against Normalized Relative CBV Using Image-Localized Stereotactic Biopsies"* (<http://www.ajnr.org/content/early/2020/03/12/ajnr.A6486>), showcases a study led by Dr. Leland Hu, MD (Mayo Clinic in Arizona) which demonstrates the superior ability of IB's vascular mapping analysis to accurately identify and distinguish recurrent high-grade brain tumor from treatment effects, which can appear similar on standard MRI. IB's tools also reduce and eliminate time-consuming manual processing steps required by other vendors. The study further demonstrates IB's exclusive, fully automated image Standardization technology is as good or better than current time-consuming normalization methods which require clinicians to manually define areas of normal brain. IB's image Standardization is completely automated and works by calibrating MR image data to a fixed and repeatable scale regardless of scanner field strength, patient, or timepoint, making comparison of patients' imaging studies over time faster and easier.

IB's vascular maps have been proven reliable for MR perfusion sequences available with MR scanners from any vendor. The MR perfusion processing algorithm available in the IB Neuro™ application is the foundational technology for generating maps of relative cerebral blood volume (rCBV) and has undergone histological validation using stereotactic biopsies at two independent sites. IB Neuro includes IB's industry-leading correction for contrast leakage through the disrupted blood brain barrier, which is essential for making accurate measurements of tumor vascularity in areas around high-grade tumors. Used in combination with the IB Delta Suite application, the overall workflow is optimized within IB Rad Tech for user friendly and streamlined processing. IB Rad Tech automates multiple time-consuming and subjective steps for clinicians, quickly providing reliable results for making difficult decisions about a patient's therapy options.

"Our rCBV maps have the potential to aid clinical decision making before surgery, during recovery, and during follow-up treatment," said Michael Schmainda, CEO of IB. "This study not only proves the clinical relevance of vascular mapping in tumors, it also highlights the workflow benefits IB provides through automation in IB Rad Tech. Our solution eliminates the manual placement of tissue-normalizing regions of interest with a fully automated approach that is both repeatable and robust. This optimized workflow certainly has the potential of becoming the consensus methodology, as the paper cites," Schmainda added.

**About IQ-AI Ltd** (iq-ai.ltd) IQ-AI, Ltd, the parent company of Imaging Biometrics® and StoneChecker™, is focused on providing advanced and state-of-the-art medical software and related services. Imaging Biometrics develops and provides visualization and analytical solutions enabling clinicians to better diagnose and treat diseases with greater confidence. Through close collaboration with researchers and clinicians, sophisticated advancements are translated into platform-independent software plug-ins which can extend the base functionality of workstations, imaging systems, PACS, or medical viewers. By design, IB's advanced visualization software seamlessly integrates into routine workflows. Please visit [imagingbiometrics.com](http://imagingbiometrics.com) for more information.