

FDA Approves Imaging App on Heidelberg Engineering's Anterion®



November 5, 2021 – Heidelberg Engineering is a high-tech imaging solutions company which designs, manufactures, and distributes diagnostic instruments for eye care professionals.

Anterior segment optical coherence tomography (AS-OCT) is a non-contact imaging technique that produces high-resolution images and quantitative measurements of the anterior segment and its anatomical structures.

Practical uses in the clinic for this device include performing LASIK, cataract surgery, managing keratoconus, calculating IOL power, and angle evaluation in Glaucoma.

The Imaging App focuses on the high-resolution visualization of the entire anterior segment, from the anterior surface of the cornea to the posterior surface of the lens.

ANTERION, the company's imaging platform optimized for the anterior segment, combines high-resolution imaging, corneal tomography, optical biometry and IOL power calculation, and has enjoyed recent positive feedback.

A prospective, clinical study was conducted to compare the clinical performance of the ANTERION Imaging App between the ANTERION and the CIRRUS HD-OCT 5000 devices. Imaging was performed by the site operators based on randomization.

The Imaging App delivers impressive and revealing swept-source OCT images that provide visual confirmation and add reliability as well as accuracy to the diagnosis and follow-up of anterior segment alterations.

