

Evolution of Advanced Diagnostic Imaging for the Comprehensive Practice

Fundus cameras have been used for more than 80 years to document pathology. In the past, specially-trained photographers used film to capture images of the eye. Today, digital cameras are widely used by staff with virtually little or no training.

Fundus cameras have not only become easier to use, they've also become more compact and ergonomically designed. All ZEISS VISUCAM cameras, for example, feature an integrated design where the ZEISS telecentric optics, digital sensor and computer are all contained in one unit. This improvement in camera design is one of many features that represent a new direction in fundus imaging technology. In addition to the smaller footprint, fundus cameras are now faster, more efficient, and offer greater detail than ever before.

Perhaps the most exciting development in fundus imaging, however, is the ability to capture high resolution, non-mydratric color images

and perform fluorescein angiography with one mid-priced camera — the VISUCAM^{NM/FA}. The VISUCAM^{NM/FA} is the first fundus camera to combine the functionality of the classic non-mydratric camera with that of mydratric cameras. Even at the mid-level price range, the VISUCAM^{NM/FA} offers enhanced features such as Focusing and Positioning Aides to facilitate camera operation, and invisible IR Illumination for greater patient comfort.

Designed to integrate seamlessly into modern practice workflow, the unique attributes of the VISUCAM^{NM/FA} now makes it feasible for comprehensive practices to offer high quality fluorescein angiography with a modest investment. This camera also makes an ideal second unit for busy practices, peripheral clinics, hospitals, or VA institutions.

