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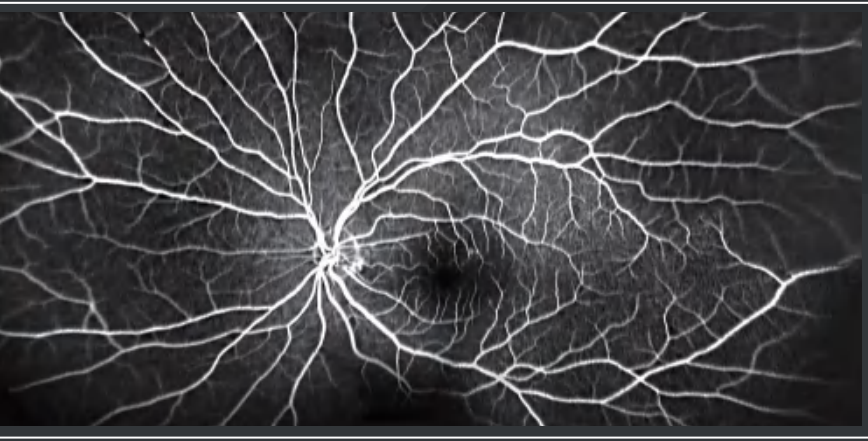
MICRO CLEAR 微清医疗

APOLLO

Apollo microclear

Ultra-wide field laser scanning retina angiograph

INITIATIVE CONFOCAL LASER SCANNING TECHNOLOGY
PRESENT HIGH DEFINITION AND DYNAMIC FUNDUS ANGIOGRAPHY



Fundus Fluorescein Angiography(FFA): Retinal circulatory change

1）"Golden standard" to judge retina disease
2）To reflect the physiological pathology of retinal blood vessels to capillaries
3）To comprehensively inspect diseases undetected in normal fundus examination

Indocyanine Green Angiography(ICGA): Choroid vessels and RPE lesions

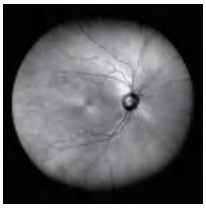
1)Golden standard for PVC diagnosis
2)To reveal the details of the choroid cycle
3)Supplement to FFA，to find latent CNV undetected on FFA
4)Mainly to reflect blood vessels condition in early and middle stage, in late stage to reflect the form and function of RPE cells

CE 1639 FDA

FOUR MODES OF NONINVASIVE DIAGNOSIS

Auto Fluorescence（AF）

To record fundus fluorescent material distribution in normal or pathology condition

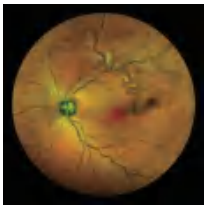


Infrared（NIR）

1）To clearly observe Macular anterior membrane and macular cystic edema
2）Comfortable, no stimulation
3）Strong penetrating

Red Free（RF）

To observe retinal nerve fiber layer, optic disk, Epiretinal Membrane,Retinal folds and Cysts.



Laser multicolor image of fundus （Multicolor)

Laser multicolor image has more diagnostic value for a variety of fundus diseases including DR, and it can be used more clearly for image with small pupil and turbidity of dioptric media

PRODUCT TECHNICAL PARAMETERS

	Model	CRO PLUS
1	Imaging mode	FFA + ICGA + AF + RF + NIR + MCOLOR
2	Optical scanning lens	Optical zoom 100°/60°/30°/15°
3	Eye center angle	Each photo150°;Two photos 220°
4	Light source	Solid-State LASER
5	Frame frequency	8 fps
6	Dynamic imaging	High frame frequency real-time scanning+FFA&ICGA
7	Fundus tracking	(Averaging Real Time Tracking)
8	Minimum pupil size	1.5 mm
9	Lesion resolution	5 um
10	Video/image output	Support Avi Jpg Tiff video or image formats
11	Microclear technology	Ultra-wide field lens design + real-time fundus tracking + dynamic optical zoom + confocal laser scanning

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