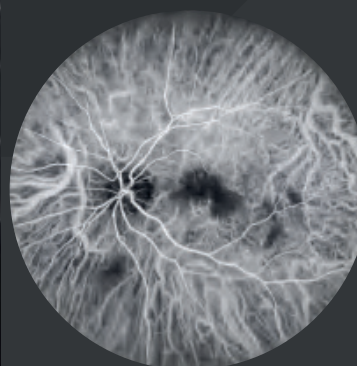


**EMEA Official Representative**

# APOLLO

## *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



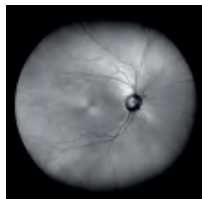
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## FOUR MODES OF NONINVASIVE DIAGNOSIS



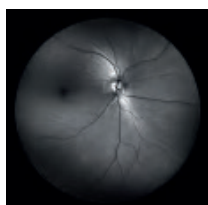
### Auto Fluorescence (AF)

To record fundus fluorescent material distribution in normal or pathology condition



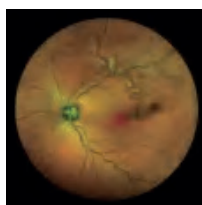
### Infrared (NIR)

- 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 photo 150°; 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 |