

OPHTHALMIC PERIMETER



**PRECISION PERIMETRY FOR
A CLEARER TOMORROW.**

PRODUCT REPRESENTATION

SEEING IS BELIEVING!

STANDARD GOLDMANN WHITE-ON-WHITE PERIMETER

Full compliance with the Goldmann standards, White stimulus on white background light test.

AUTO EYE RECOGNITION AND PUPIL DIAMETER MEASUREMENT

System recognizes OD/OS automatically and alarms to indicate operator, which is helpful to avoid operation mistakes before/during test.

Auto pupil diameter measurement, which is a reference element for OD/MD to correct visual error.

AI CONTROLLED CHINREST-FOREHEAD REST

Intelligent and fully automated chinrest-forehead rest system, realizes auto alignment of patient eye position.

Synchronized movement of chinrest and forehead rest ensures the comfortableness and accuracy of testing.

VOICE GUIDANCE

Instruct examinee how to cooperate before test, and indicate examinee during whole test by voice guidance.

DOUBTED POINTS RECHECK

Useful for clinic, confirm the dots value which are not reliable, save much time by avoiding whole test rechecking.

DICOM

Data operation for patient information uploading and downloading.

BLUE-ON-YELLOW TEST (SWAP)

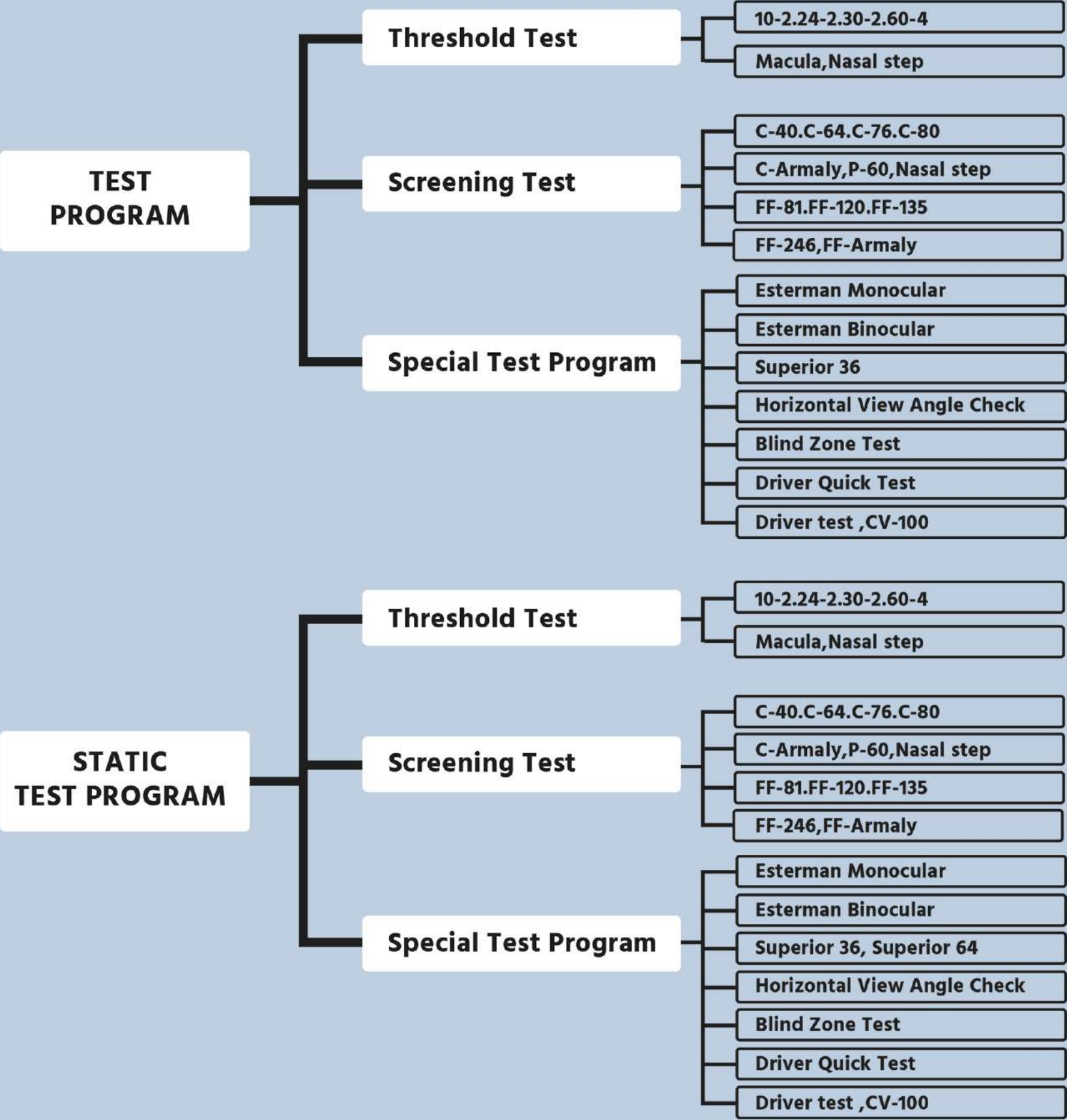
Specialized Glaucoma testing mode (Available only in OVF-9000 Pro)



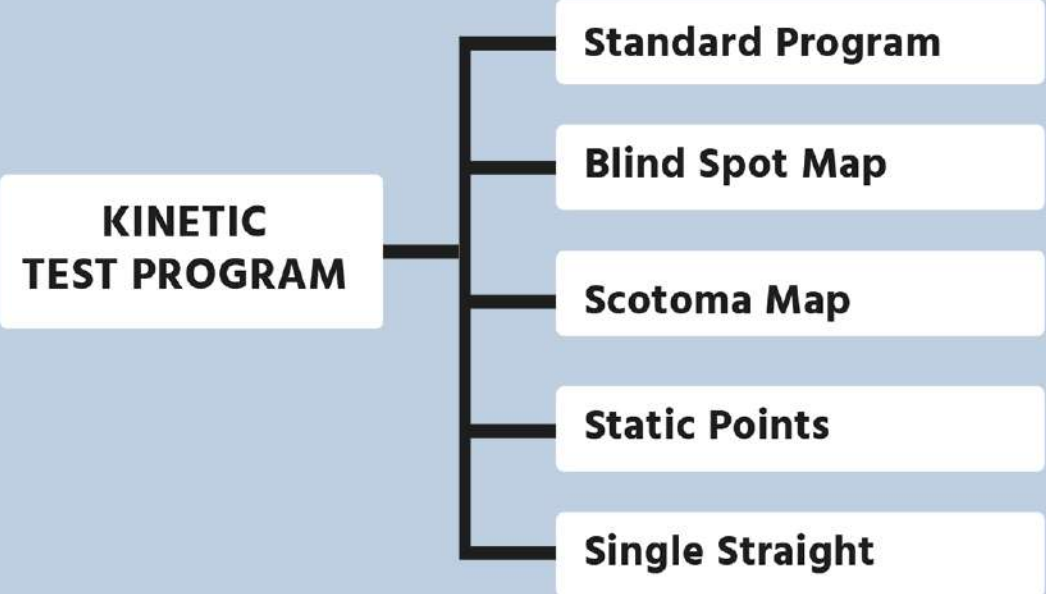
SOFTWARE REPRESENTATION

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TEST PROGRAMS



OVF-7000 Series

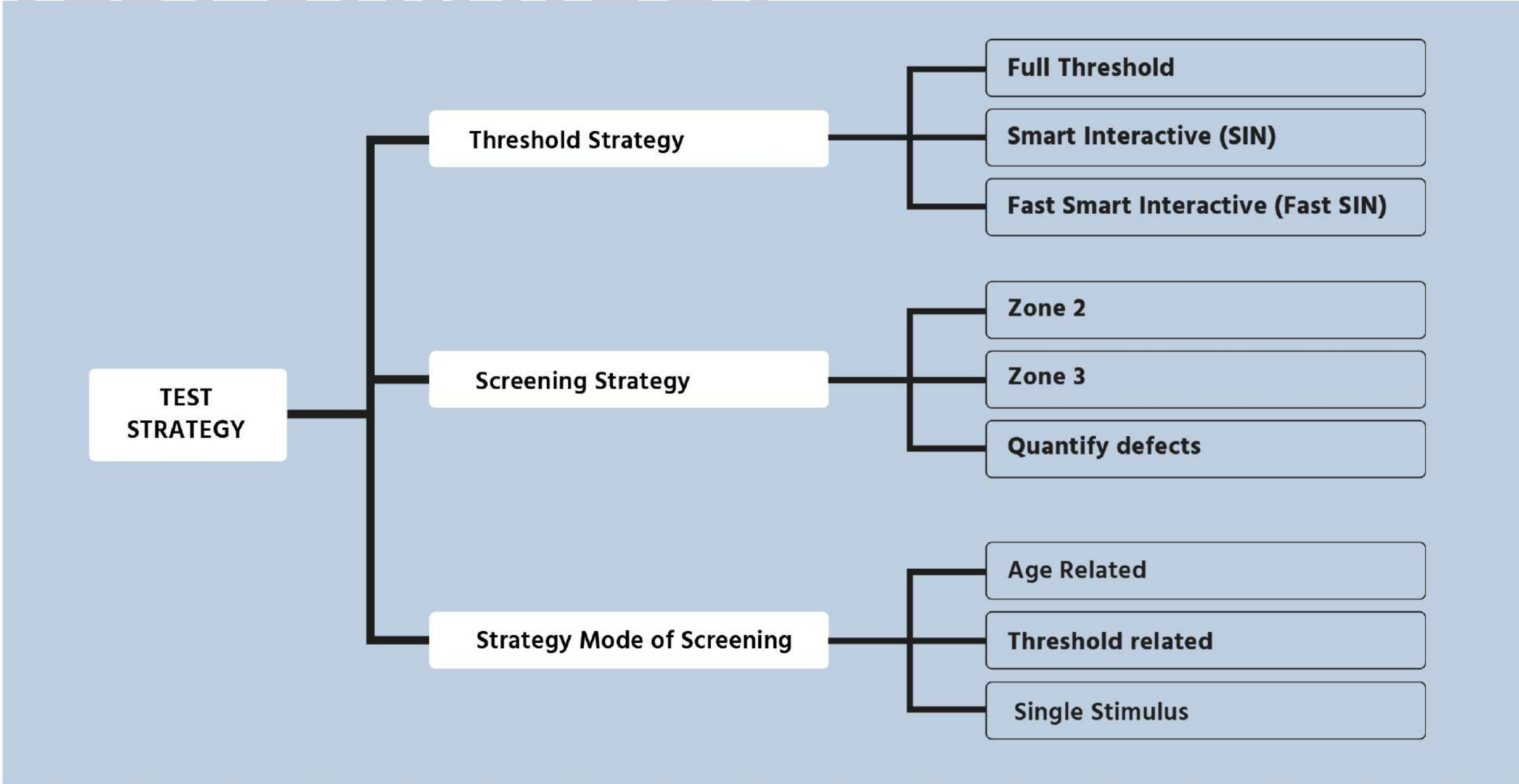


OVF-9000 Series (Pro)

SOFTWARE REPRESENTATION

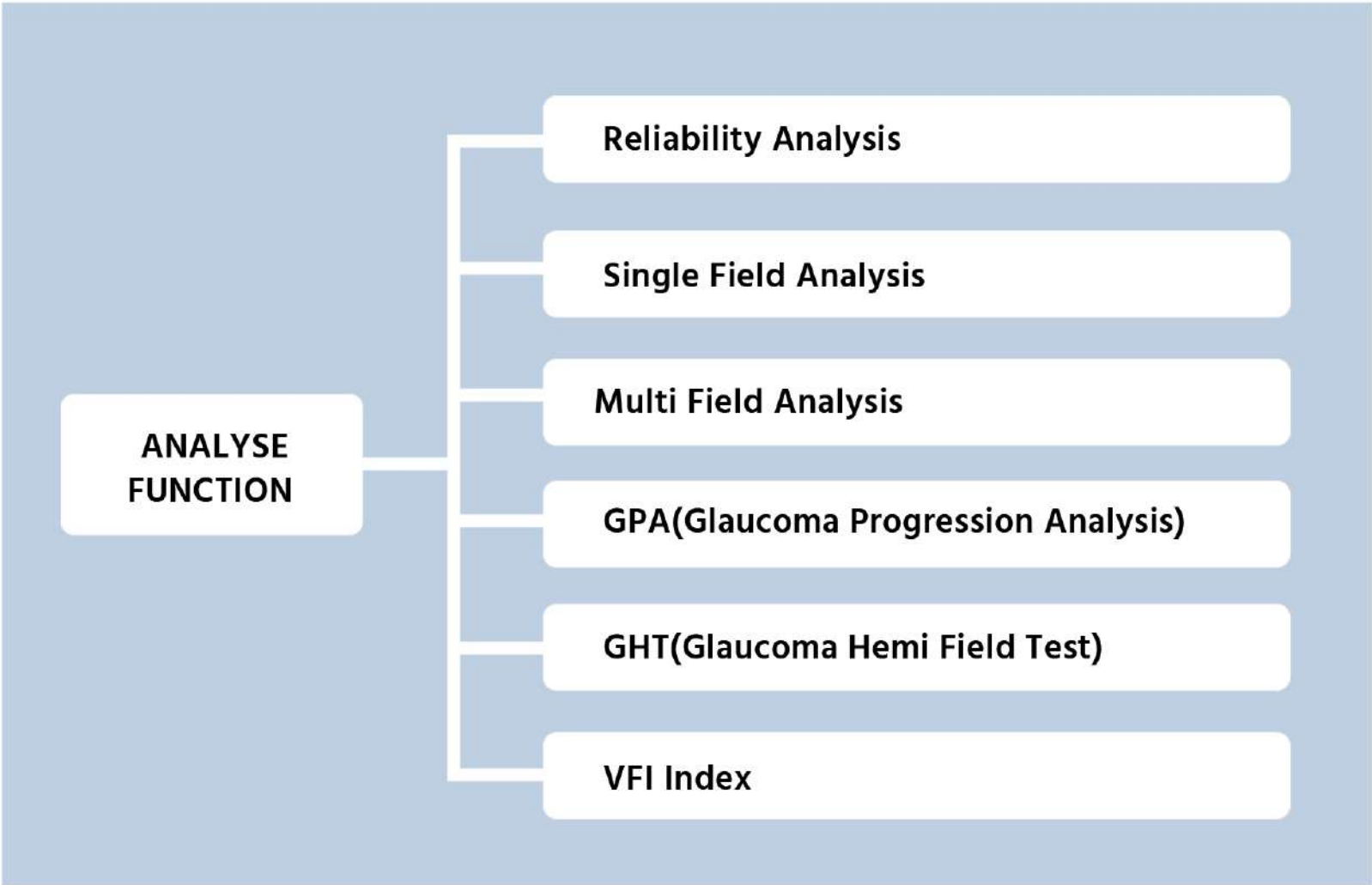
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TEST STRATEGY



EFFICIENT TEST STRATEGIES = REDUCE TEST TIME + ACCURACY

The test strategies fully consider different age groups, responsiveness, visual field defects regularity, and the distribution of the field island, provides faster solution for Perimetry testing which is Smart, Intelligent and interactive.

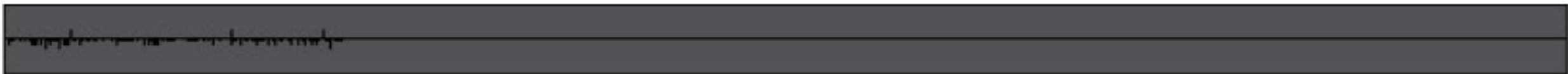
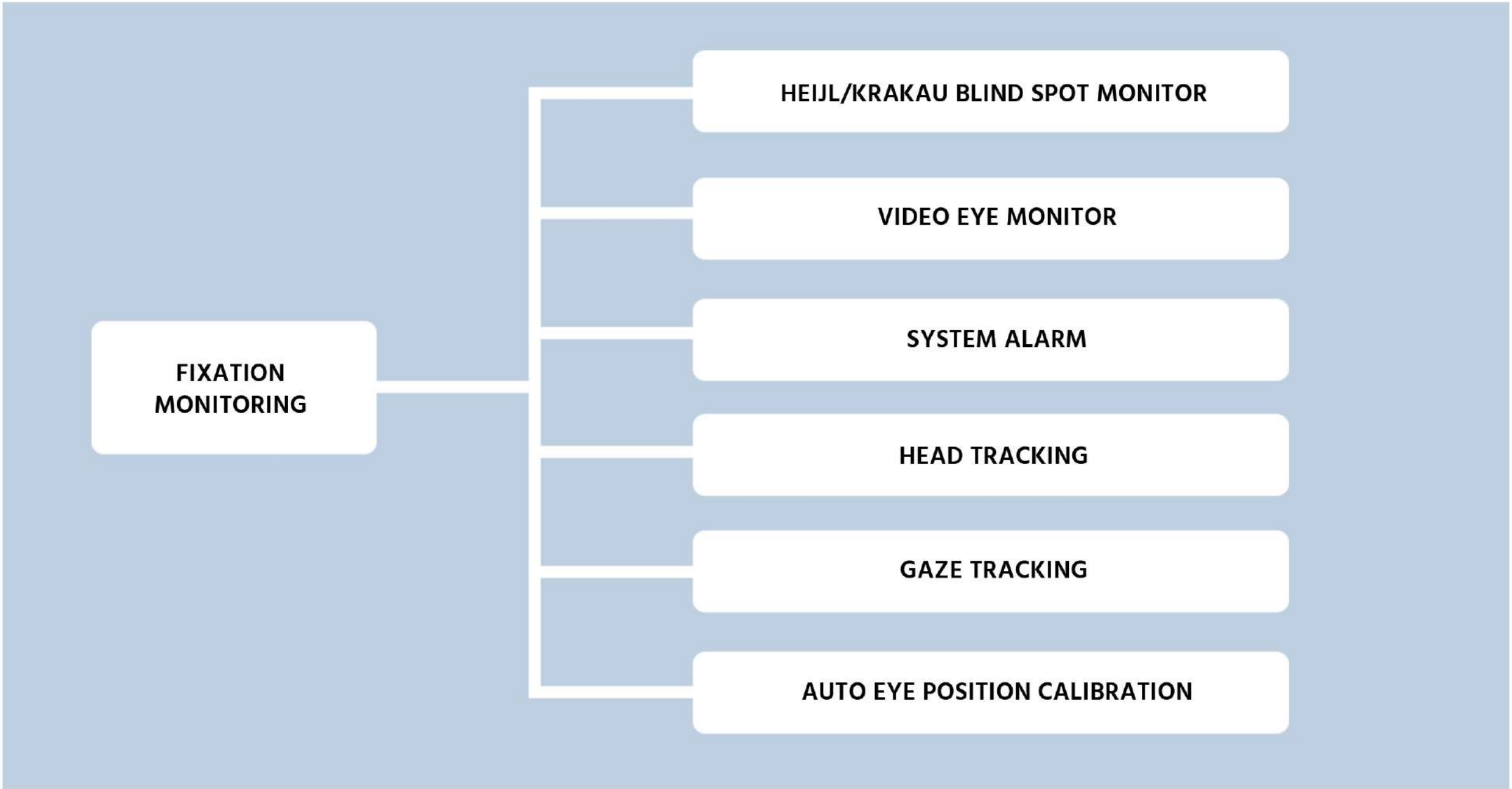


SOFTWARE REPRESENTATION

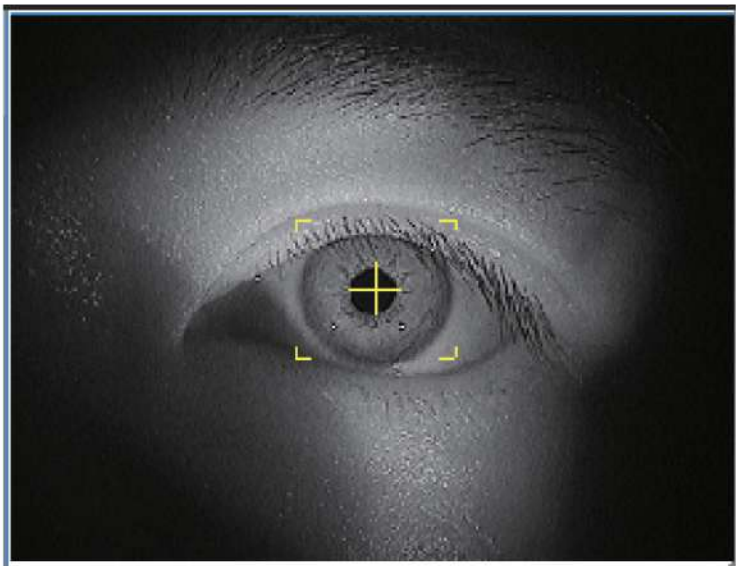
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MULTIPLE FIXATION MONITORING SYSTEM

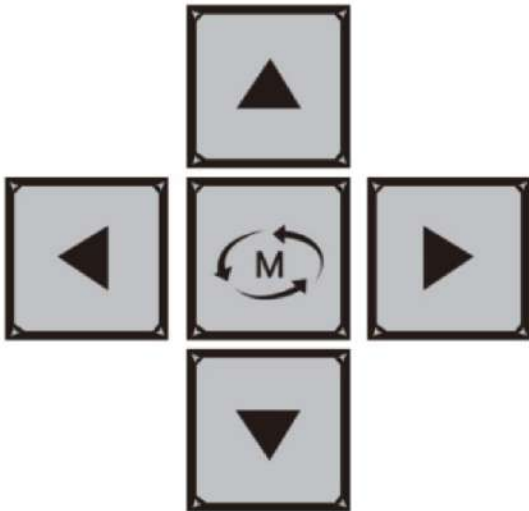
(Trace the reliability of test result)



Gaze Tracking Curve



Eye Tracking



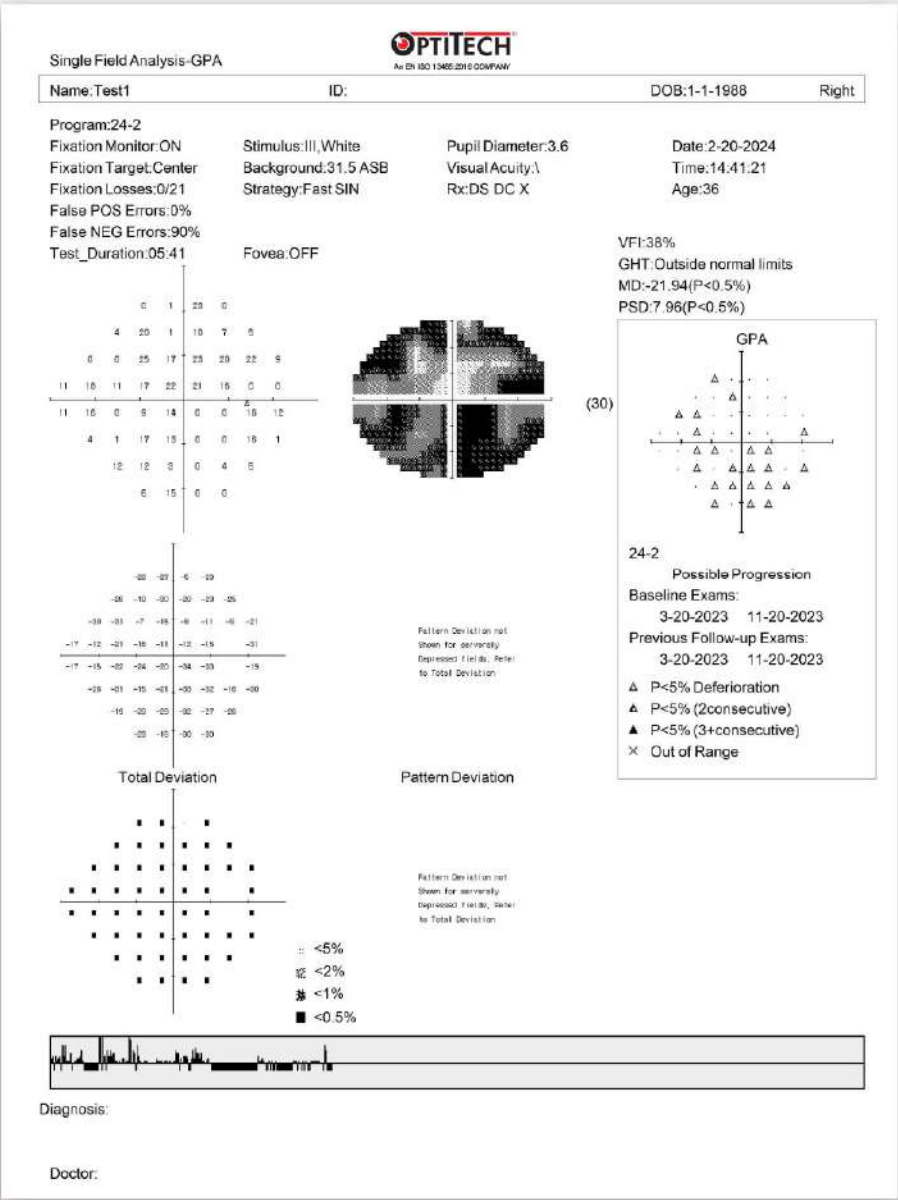
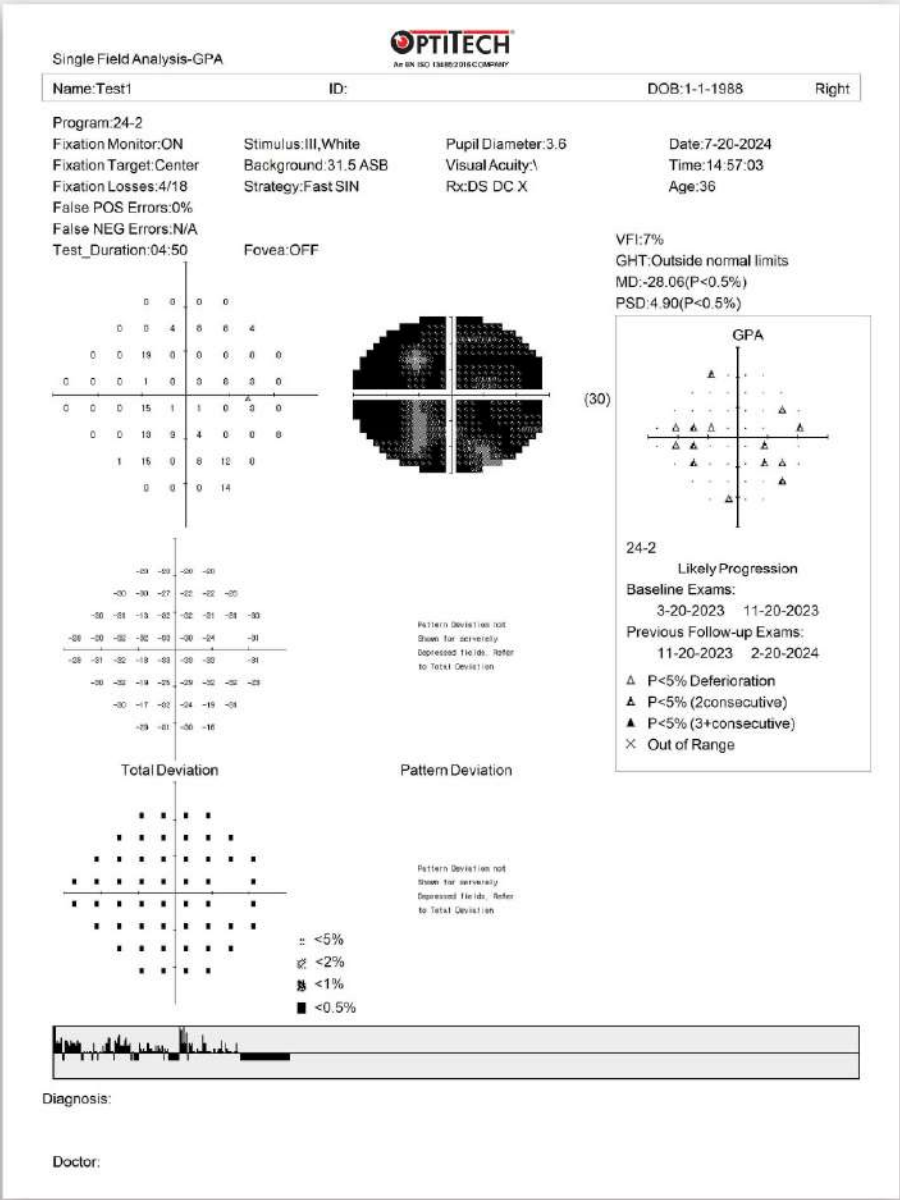
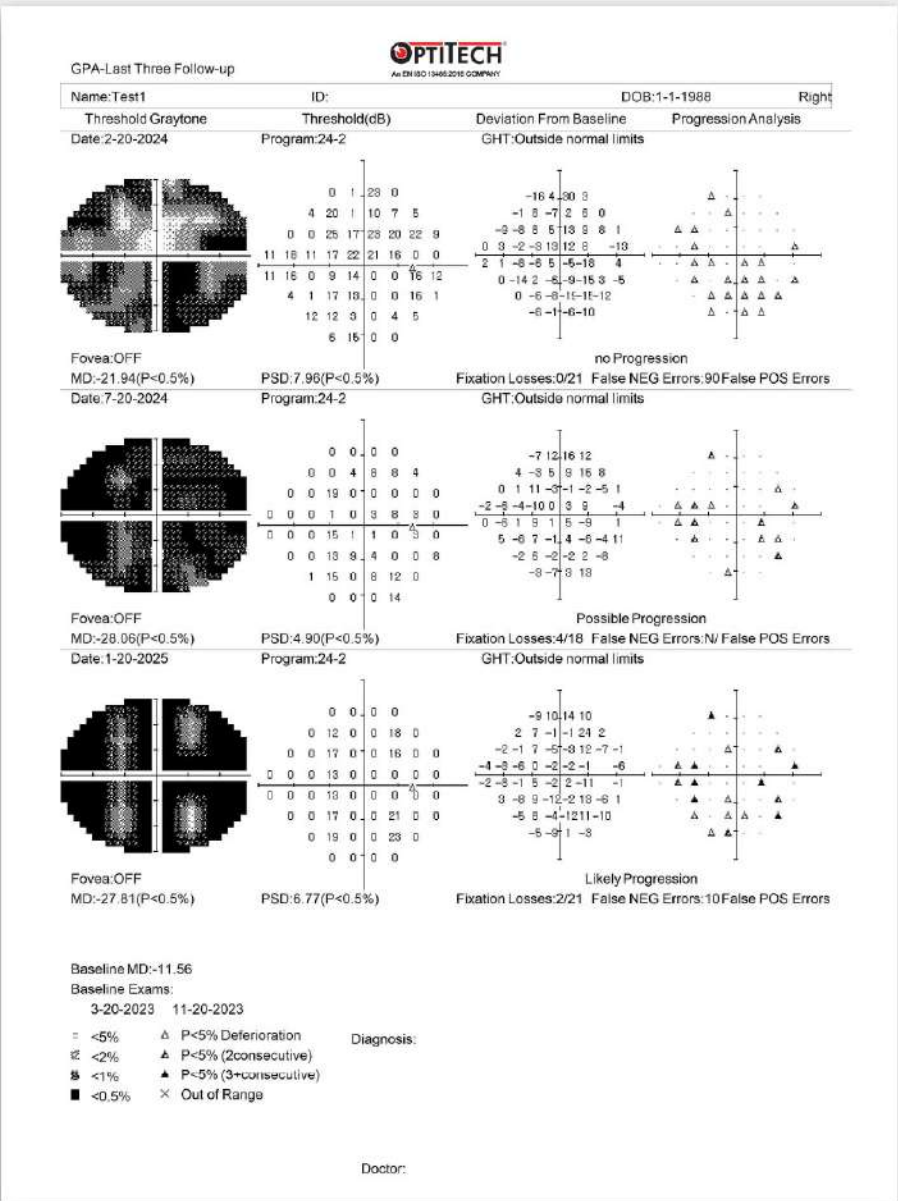
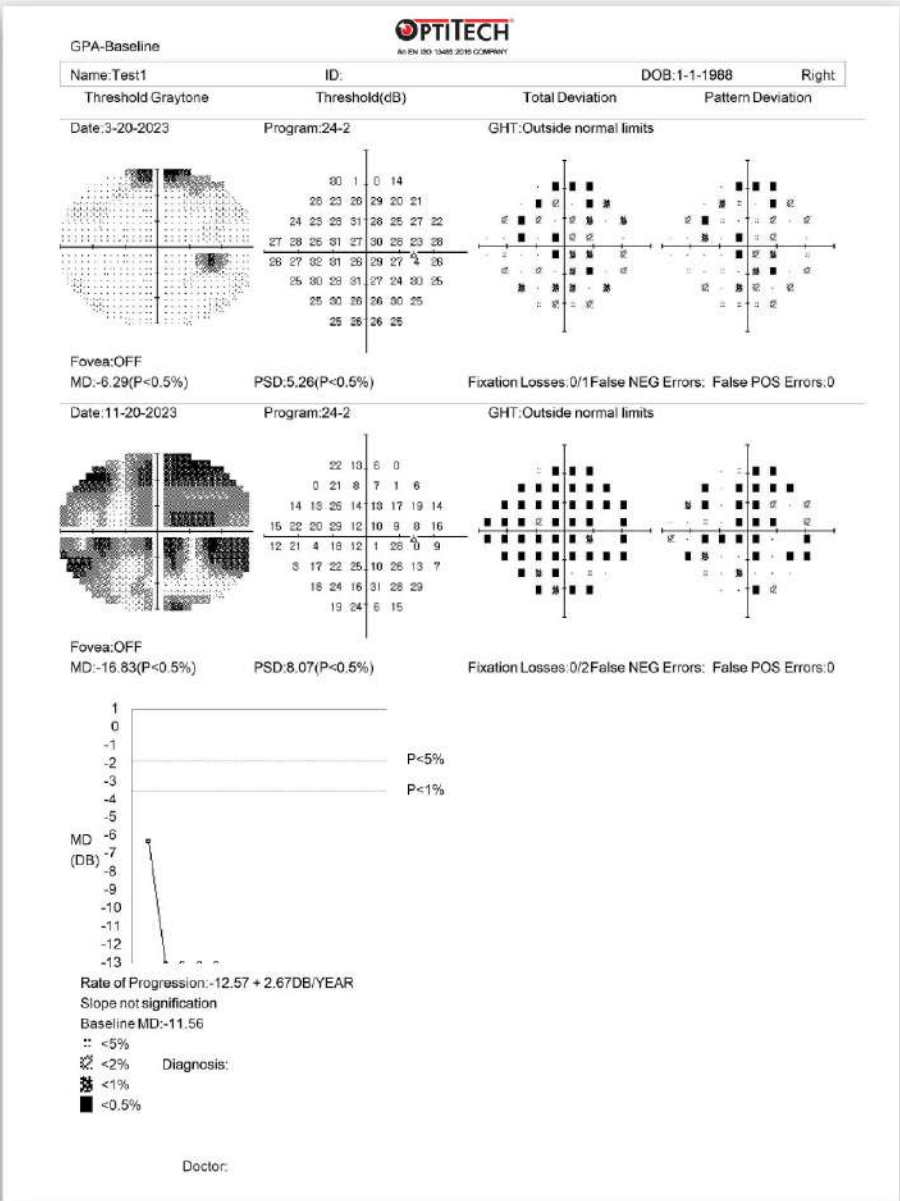
Auto/Manual Headrest
Control Optional

SOFTWARE REPRESENTATION

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CLASSIC TEST REPORT

Test report in Classic format, can be easily read and understand by doctors world wide.



TECHNICAL PARAMETER

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Parameter		Model	OVF 7000 Pro	OVF 9000 Pro
DB Value Range displayed			0 ~ 40 db	0 ~ 51db
Stimulus Intensity Range			1 asb- 10000 asb	0.08 asb ~ 10000 asb
Stimulus Size			Goldmann III	Goldmann I-V
Stimulus Color			White	White Red Blue
Stimulus Duration Time			200ms/Adaptive	
Max Measurement range			90°	
Test Distance			30 cm	
Sphere Size			Radius 300 mm	
Background Illumination			White 31.5 asb (10cd/m²)	White 31.5 asb Yellow 31.5 asb
Test Mode			Static	Static & Kinetic
Stimulus quantity			456 points	Unlimited
Stimulus Plane			Aspherical surface	
Stimulus Source			LED	Halogen
Chinrest Control			Touch ScreeneKeyboard and mouse control.Button control	
Head Movement			Chinrest and forehead-rest move simultaneously	
PC Configuration			CPU:1.6 GHz; RAM: 4 GB; Hard disk: 120 GB;	
			Operation system: Windows 10;	
			LCD:14 " Capacitive Touch screen;	
			Networking: Ethernet & WIFI	
Software Function	Test programs	Threshold Test Programs	10-2, 24-2, 30-2, 60-4, Macula, Nasal Step	
		Screening Test Programs	C-40, C-76, P-60, Nasal Step, FF-81, FF-120,FF135	C-40, C-64, C-76, C-80, C-Armaly, P-60, Nasal Step, FF-81, FF-120, FF-135, FF 246, FF-Armaly
		Special Test Programs	Esterman Monocular, Esterman Binocular, Superior 36, Horizontal View Angle check Driver Test, Blind Zone Test , Driver Quick Test, CV - 100	Esterman Monocular, Esterman Binocular, Superior 36, Superior 64, Horizontal View Angle check, Driver Test, Blind Zone Test, Driver Quick Test,CV-100
		Kinetic programs	/	Standard program,Blind spot Map,Scotoma Map,static points, single straight
	Test Strategy	Threshold Strategy	Full Threshold, Smart Interactive(SIN), Fast Smart Interactive(Fast SIN)	
		Screening Strategy	Zone 2, Zone 3, Quantify Defects	
		Strategy Mode of Screening	Age Related, Threshold Related, Single Stimulus	
	Analyze Function		Single Field Analysis, Multi Field Analysis, Reliability Analysis, GPA(Glaucoma progression Analysis), GHT(Glaucoma Hemi ield Test), VFI Index	
	Fixation Monitoring		Heijl/Krakau Blind Spot Monitor, Video Eye Monitor, System Alarm, Head Tracking, Gaze Tracking, Auto Eye Position Calibration	
	DICOM Support		●	●
	Voice Guidance function		●	●
	Fixation Deviation Alarm		●	●
	Customize test program		●	●
	Auto OD/OS recognition		●	●
Dimension			480mm(L)*430mm(W)*528mm(H), 14kgs	480mm(L)*430mm(W)*560mm(H), 24 kgs
Packaging			560mm(L)*500mm(W)*670mm(H), 21kgs	560mm(L)*500mm(W)*700mm(H), 28 kgs
Others			Power consumption: 200V Input Voltage: AC 100 - 240V,50 ~ 60Hz	Power consumption: 200V Input Voltage: AC 100 - 240V,50 ~ 60Hz

OPTIONAL ACCESSORIES



Perimeter Trial
Lens Set



Instrument
Table



Printer

NOTE : The specifications are subject to change without prior notice for improvement purpose.

Ref No: TE/CAT/PERIMETER/04/11042024

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