

Screenkids

Digitization of pediatric tests.



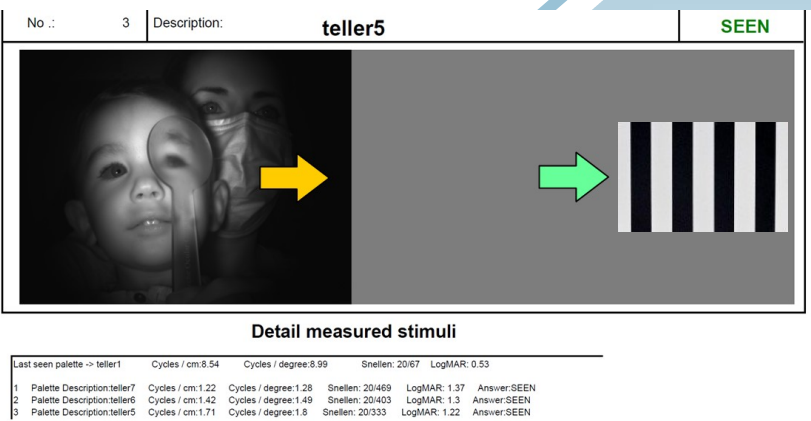
Connectivity DICOM-PACS

- Early detection of Amblyopia.
- Measurement of strabismus and campimetry.
- Patients < 3 years of age or poor cooperation.
- Eye tracking system.
- PDF reports with photos.
- Video recording.
- Quick, easy, in less than 2 minutes!!!
- Objective and repeatable.

Preferential gaze test:

- Visual and auditory stimuli to capture the child's attention.
- 12 Palettes with different graduations (Snellen, Logmar, Cycles/grade...)
- Monocular or binocular test.
- Video recording of the test.
- PDF reports with photos.

No.:	3	Description:	teller5	SEEN
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Detail measured stimuli

Last seen palette ->	teller1	Cycles / cm:8.54	Cycles / degree:8.99	Snellen: 20/67	LogMAR: 0.53
1 Palette Description:teller7	Cycles / cm:1.22	Cycles / degree:1.28	Snellen: 20/469	LogMAR: 1.37	Answer:SEEN
2 Palette Description:teller6	Cycles / cm:1.42	Cycles / degree:1.49	Snellen: 20/403	LogMAR: 1.3	Answer:SEEN
3 Palette Description:teller5	Cycles / cm:1.71	Cycles / degree:1.8	Snellen: 20/333	LogMAR: 1.22	Answer:SEEN



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Technical specifications:

Item	Specifications
Cameras	Infrared industrial cameras. USB 2.0
Infrared light	Wavelength: 850nm.
Optic lens	Focal 8mm
Speed cameras	From 12 fps.
Work distance	From 55cm.
Accuracy	1 prism diopter. Pupil Diameter=0.1mm
Final results	Results in PDF format. Videos. Photos. Graphics.
Accessories	PC dedicated with 22" monitor, artificial intelligence software, 24" or 50" stimulation monitor. Infrared cameras. DICOM communication.
Energy source	PC connected to 220V, 50Hz. USB cameras connected via USB (5V, 500mA).



Strabismus

Strabismus 9 gaze positions

- Strabismus in 9 gaze positions.
- Horizontal and vertical deviation.
- Prism diopters.
- Visual and acoustic stimulus.



Campimetry

- Different visual stimuli.
- Different projection protocols with different kind of visual stimuli.
- PDF reports.
- Quick test less than 2 minutes.

