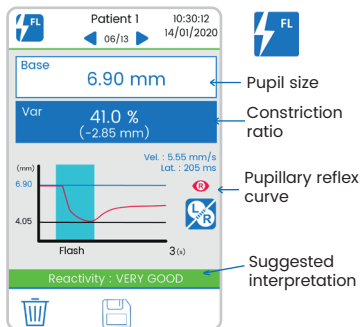


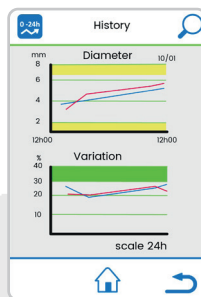
1 Assessment of the pupil reaction

Constriction ratio: The higher the number, the greater the reactivity.

Very good reactivity	Variation $\geq 30\%$
Good reactivity	$20\% \leq \text{variation} < 30\%$
Weak reactivity	$12\% \leq \text{variation} < 20\%$
Very weak reactivity	$5\% \leq \text{variation} < 12\%$
No reactivity	Variation $< 5\%$



2 Trending



- Size and reactivity trends for both eyes
- Period: 3h, 24h



Always read the instruction manual before use.

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NeuroLight®

Neurological Monitoring and Prognostication



BEYOND SIMPLE AND PRECISE
ROUTINE PUPIL CHECKS



- 1 Place and remove the NeuroLight on its base to turn it on.



- 2 If necessary, scan the patient identification barcode.



Or create a patient record manually or open an existing patient record.



Note: Once the barcode is scanned, the number is displayed at the top of the screen

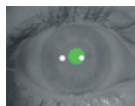
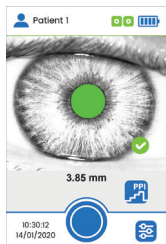
- 3 Make sure the eyecup is attached to the NeuroLight. Position the eyecup tip to the right or left depending on the eye to be measured.



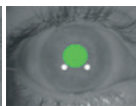
- 4 Lift and hold the patient's eyelid open.

- 5 Position the NeuroLight eyecup on your fingers to avoid direct contact with the patient eye.

- ✓ The NeuroLight is ready to take a measurement.



Here the white dots distort the pupil



Correct positioning and detection of the pupil



Improper detection of the pupil



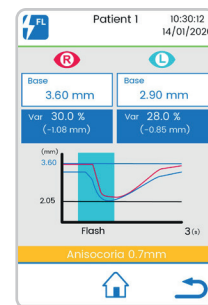
- 6 Press and hold the main button  until the countdown reaches 0 seconds, then remove the device.

Notes: Do not apply excessive pressure to the patient's face.

- 7 Check the results. Save  or delete. 

- 8 Repeat the procedure with the second eye.

Note: For the detection of anisocoria, a left/right comparison between the left and right eyes will appear, if both measurements are performed within a 2-minute interval.



- 9 After obtaining baseline pupillometer reading as early as possible, repeat the procedure regularly (e.g., every 2 hours), for both eyes.

Note: Any change in these parameters may indicate neurological deterioration in some patients.

- 10 NeuroLight and the eyecup must be cleaned between each patient. A low-level disinfection is usually sufficient. The eyecup can be changed between each patient.

Note: The eyecup can be disinfected by autoclave (maximum temperature 135°C).