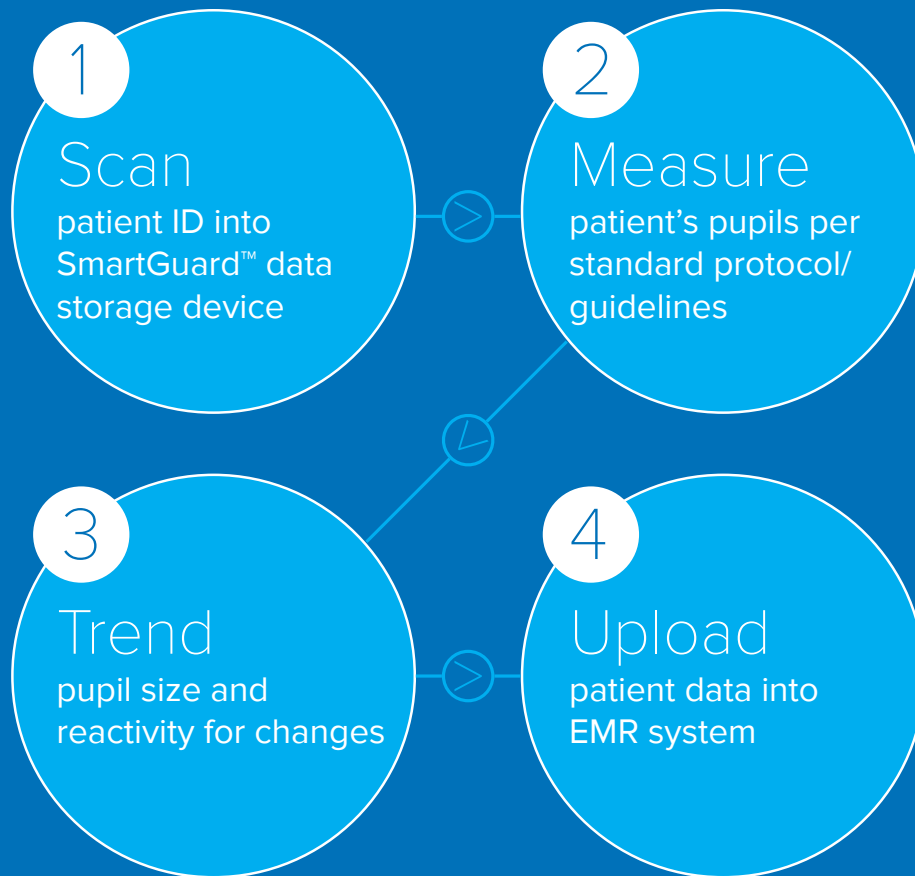


NEUR: OPTICS

# Introducing the NeurOptics® Smart Approach to Pupillary Evaluation

A completely automated system from patient admission to discharge



An accurate, reliable and objective system that **saves valuable nursing time** and eliminates potential charting errors



# NPi<sup>®</sup>-200 Pupillometer System

## NPi<sup>®</sup>-200 Pupillometer

- Completely accurate, reliable and objective pupil size and reactivity data independent of examiner
- Pupil reactivity expressed numerically so that now changes in both pupil size and reactivity can be trended over time, just like other vital signs
- Infrared camera, high-precision optics, processor and LED light source
- Bluetooth<sup>®</sup>-enabled, customizable trending screen, EMR-compatible
- Durable, ergonomic design
- Industry-best full two-year replacement warranty



## SmartGuard<sup>™</sup>

- Single-patient-use device with smart-card technology
- All patient data stored on SmartGuard memory
- Facilitates patient data upload into EMR system
- Patient data can be disabled in compliance with HIPAA guidelines and facility policies

## NeurOptics<sup>®</sup> Antimicrobial Barcode Scanner by Socket<sup>®</sup>

- Simple and fast patient ID scans into SmartGuard
- One-time patient ID entry at initial programming of SmartGuard (no need to scan before each pupil measurement)

## SmartGuard<sup>™</sup> Reader by Omnikey<sup>®</sup>

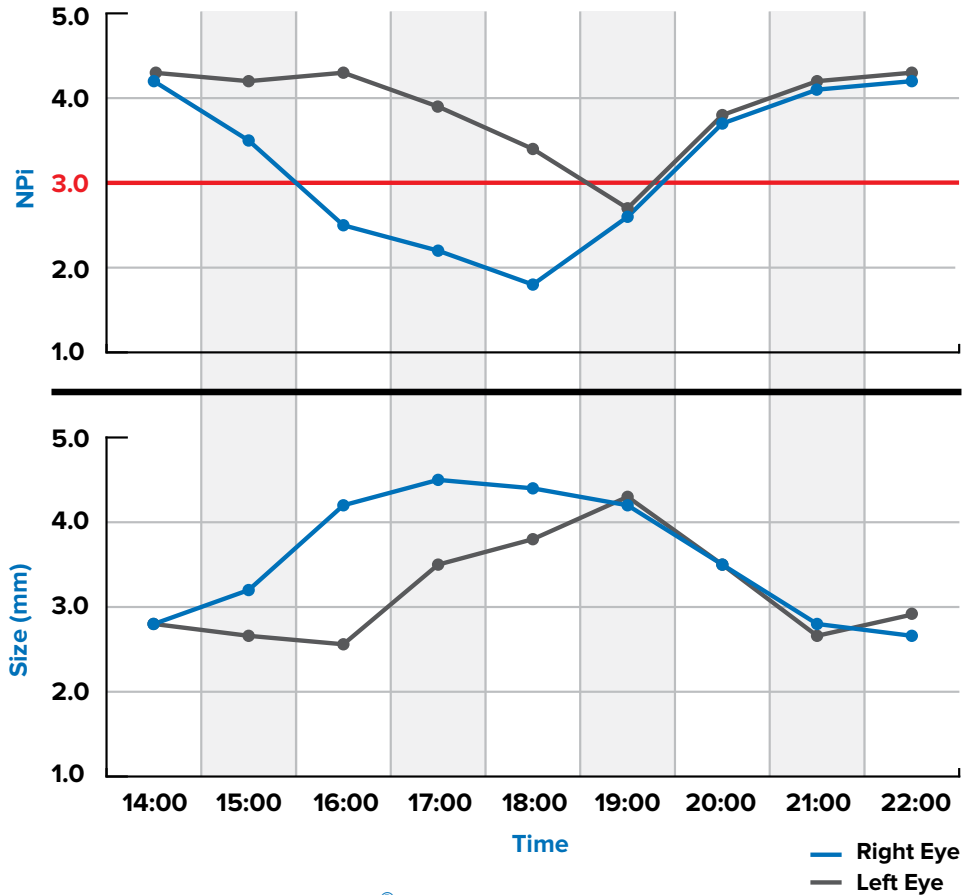
- Retrieves and automatically uploads patient data from SmartGuard
- Simple USB connection allows Reader to be deployed at any nursing terminal or station



# Establish a Baseline and Trend for Changes

- Pupil reactivity expressed numerically
- Now changes in both pupil size and reactivity can be trended over time, like other vital signs
- Along with trending size and NPi®, the NPi®-200 can be customized to trend all parameters of the pupillary light reflex waveform, depending on clinician preference

## Pupil Size and Reactivity Variability Over Time



## The Neurological Pupil index™ (NPi®) Pupil Reactivity Assessment Scale

| Measured Value* | Assessment                        |
|-----------------|-----------------------------------|
| 3.0 – 4.9       | Normal/“Brisk”                    |
| <3.0            | Abnormal/“Sluggish”               |
| 0               | Non-Reactive or Atypical Response |

*\*A difference in NPi between right and left pupils of  $\geq 0.7$  can also be considered an abnormal pupil reading*

*\*Per the Neurological Pupil index (NPi) algorithm*

### Ordering Information

|           |   |
|-----------|---|
| NPi-200   | NPi®-200 Pupillometer                                 |
| SG-200    | SmartGuard™   |
| BCS-CC-01 | NeuroOptics® Antimicrobial Barcode Scanner by Socket® |
| SGR-01    | SmartGuard™ Reader by Omnikey®                        |

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