

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

## Additional Approved Disinfectants/Germicidal Disposable Wipes for Routine Cleaning

In addition to the isopropyl alcohol (IPA)-based cleaning solutions, in formula concentrations up to 70% (70% IPA), we have determined that the following formulations are safe to use for routine cleaning of the NPi<sup>®</sup>-200 Pupillometer and NPi<sup>®</sup>-200 Charging Station. In addition, other brands of disinfectant and germicidal products containing equivalent formulations are also considered safe to use.

| Formulations<br>(Active Ingredients per Manufacturer Labeling)   | Product Brand<br>(for example)   |
|--|--|
| Dimethyl ethylbenzyl ammonium chloride 0.125%<br>Dimethyl benzyl ammonium chlorides 0.125%<br>Other ingredients                            | PDI <sup>®</sup> Sani-Cloth <sup>®</sup> Plus<br>Germicidal Disposable Cloth       |
| Dimethyl ethylbenzyl ammonium chloride 0.25%<br>Dimethyl benzyl ammonium chlorides 0.25%<br>Isopropanol Alcohol 55.0%<br>Other ingredients | PDI <sup>®</sup> Super Sani-Cloth <sup>®</sup> Wipes<br>Germicidal Disposable Wipe |
| Dimethyl benzyl ammonium chloride 0.28%<br>Isopropanol 17.2%<br>Other inert ingredients  | Metrex <sup>™</sup> CaviWipes <sup>™</sup> XL                                      |

In instances where there is concern of exposure to highly resistant bacteria (ie: Clostridium difficile, or “C. diff”), we understand that hospital protocols may require use of cleaning solutions containing sodium hypochlorite (bleach) when cleaning equipment. Please be aware solutions containing sodium hypochlorite (bleach) will corrode the gold connector blades located on the bottom of the NPi-200 Pupillometer handle and the gold connector pins located in the base of the NPi-200 Charging Station, possibly damaging their ability to properly function.

If products containing sodium hypochlorite (bleach) are used to clean the gold connector blades located on the bottom of the NPi-200 Pupillometer handle, and the gold connector pins located in the base of the NPi-200 Charging Station, the cleaning process should be followed by a second cleaning using 70% IPA solution to ensure all bleach residue is completely removed from the device in order to minimize damage to the gold connector pins and blades.

We hope this letter helps clarify the NPi-200 Pupillometer and Charging Station cleaning protocol and to confirm that any staff member following the above instructions in good faith when caring for the equipment will in no way void the full two-year warranty enjoyed with the purchase of the products. If the NPi-200 Pupillometer or NPi-200 Charging Station are not working properly, or is believed to have been damaged, immediately contact NeurOptics Customer Service at **Toll Free North America: 866.99.PUPIL (866-997-8745)**, international: +1-949-250-9792, or email: [Support@NeurOptics.com](mailto:Support@NeurOptics.com). For additional information regarding our product, please refer to the **Instructions for Use** which can be found at website: [NeurOptics.com](http://NeurOptics.com).



18101 Von Karman Avenue, Suite 1940  
Irvine, CA 92612 | USA  
p: 949.250.9792  
Toll Free North America: 866.99.PUPIL  
info@NeurOptics.com  
[NeurOptics.com](http://NeurOptics.com)