Introducing Tonosafe

Tonosafe disposable prisms reduce the risk of cross-infection between patients and eliminates the need to clean and disinfect prisms.

Tonosafe features & benefits

- Sterile; Reduces the risk of cross-infection & potential risk to Patient
- Practical; Everything you need is supplied in one pack, including prism holders
- Accurate; Calibrated to Goldmann standards
- Disposable; Developed for single-use, simply throw away
- Quick and easy-to-use; Fits easily in Goldmann & Perkins tonometers
- Safe; Clinically proven & utilised by thousands of users Worldwide.

Want to know more about Tonosafe?

For further information on Tonosafe, please telephone us on (01279) 456255 or, alternatively, visit www.haagstreituk.com/tonosafe.

HAAG-STREIT UK
Edinburgh Way
Harlow
Essex
CM20 2TT
(01279) 456255
tonosafe@haag-streit-uk.com
www.haagstreituk.com/tonosafe

TONOSAFE
A cost-effective & safe alternative to reusable prisms
Goldmann reusable prism facts
- Goldmann prisms should not remain in circulation longer than the recommended 2 year period of use.
- The recommended prism disinfection and sterilisation protocol takes between 21-75 minutes.

Goldmann prisms are not regularly audited
In a recent in-house study, Haag-Streit UK surveyed 134 prisms from 22 different hospitals;
- The prism age range was between 0-32 years
- 86% were over 2 years old
- The mean unit age was calculated at 9.8 years
- 52% were damaged.

Recommended lifespan of a Goldmann prism = 2 years

Poor disinfection & sterilisation protocol
Hospitals are not following the recommended disinfection and sterilisation protocol, utilising endorsed disinfectant solutions (as outlined in DoH guidelines 'Safe Working and the Prevention of Infection: Annex L').

Poor disinfection/sterilisation = damaged prisms

Potential damage.

Examples of real-life damaged prisms
Below are some real-life examples of damaged Goldmann prisms from a recent study;

- **Protective glass is broken**
  - The cause
    - Differences in internal and external pressure
    - Large temperature variation
    - Use of alcohol.

- **Hairline cracks in the prism**
  - The cause
    - Mechanical pressure on the outside of the prism
    - General wear-and-tear of the prism.

- **Crystalisation on the prism tip/body**
  - The cause
    - The prism has been left in the disinfecting solution for too long
    - The solutions have not been removed correctly.

- **Prism tip has broken off**
  - The cause
    - Swabbing with isopropyl alcohol during the disinfection and/or sterilisation process
    - General wear-and-tear of the prism.

Damaged or old prisms = potential risk to Patient or cross-infection

The next step.

Regularly carry out a prism audit

**Best practice prism check:**
1. Immerse prisms in a water/fluorescein dilution for 10 minutes
2. Rinse for 1 minute
3. Use the slit-lamp to check for defects
   - 16x magnification/Yellow filter
4. Check your existing reusable prisms for damage
5. Check the age of each prism.

Although you should regularly audit your tonometer prisms, please ask your HS-UK Service Engineer to carry out a prism check during your annual service visit.

Replace damaged or old prisms immediately, visit http://eshop.haagstreituk.com/prisms

Disinfect & sterilise as outlined in the instruction leaflet

The Goldmann prism instruction leaflet states: "Thorough cleaning under running cold water during 30 to 60 seconds is mandatory before undertaking disinfecting routines".

"Refer to the latest versions of manufacturers instructions for details of the exact concentration, effecting time and application of disinfectant".

"After disinfection the measuring prism must be rinsed thoroughly at least 10 to 60 minutes under running cold drinking water. Dry them with a clean soft one-way tissue and store them in a dry container. Only measuring prisms free of any residue should be used".