FROM WARMTH TO WELLNESS: A DEEP DIVE INTO DRY EYE MASKS

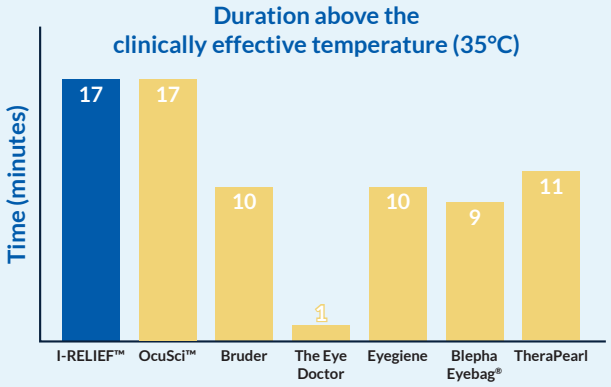
Study conducted by:
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OBJECTIVE:
TO TEST THE EFFECTIVENESS OF DRY EYE MASKS *IN VITRO* AND *IN VIVO*.

IN VITRO: TESTING THE PERFORMANCE OF THE MASKS

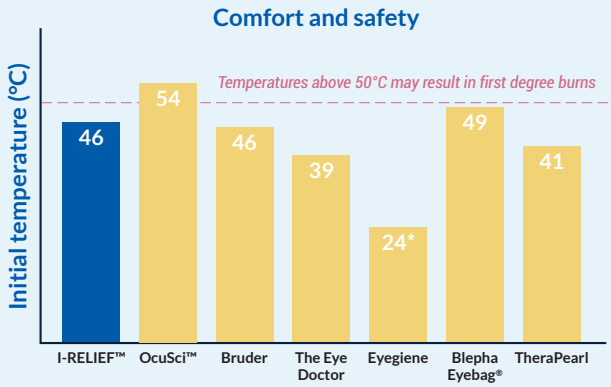
Methodology *(In Vitro)*:

- All masks were placed in a microwave, following their respective manufacturer's instructions for use, except Eyegiene. For Eyegiene, warming wafers were removed from their sealed foils and placed in the mask.
- The temperatures of the masks were measured over a 30-minute duration in one-minute intervals on a designated point on each mask.
- Masks were measured on a flat surface using an infrared thermometer (ETEKCITY LASERGRIP 774).



RESULTS:

- **I-RELIEF™**'s clinically effective heating duration is 70% longer than Bruder and Eyegiene, 88% longer than Blepha Eyebag©, 55% longer than TheraPearl, and 1700% longer than The Eye Doctor.
- **I-RELIEF™**'s ability to maintain the clinically effective temperature of 35°C ensures a prolonged period of clinical benefits while using the mask.



** Eyegiene's initial temperature is room temperature since this brand uses dry heat.*

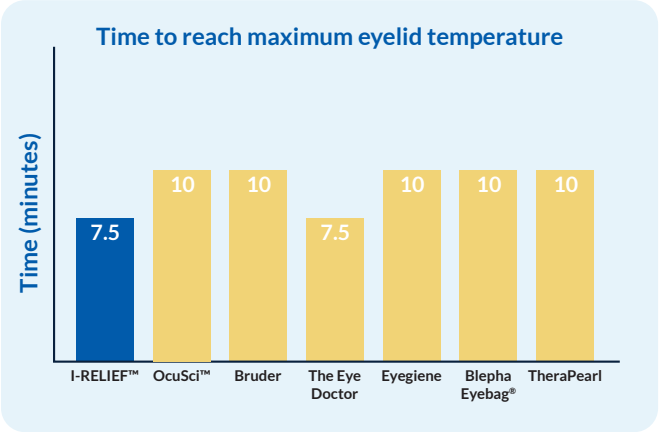
RESULTS:

- **I-RELIEF™**'s initial temperature of 46°C ensures a safe application. Although other brands show similar results, **I-RELIEF™**'s initial temperature ensures a safer application compared to Ocusci™'s 54°C, significantly reducing the risk of burns and enhancing patient safety.
- TheraPearl and The Eye Doctor start at cooler temperatures which eliminate burn risks, however might fall short in delivering the necessary heat for effective MGD treatment.

IN VIVO: TESTING THE TEMPERATURE OF EYELIDS WHILE USING THE MASKS

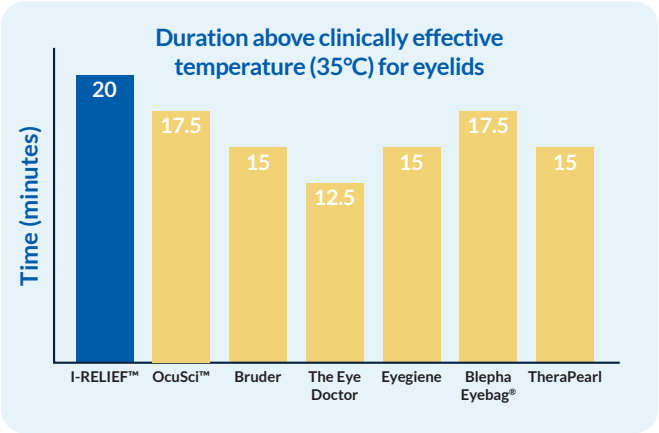
Methodology *(In Vivo)*:

- All masks were heated following their respective manufacturer's instructions for use.
- The masks were directly applied on a human subject for a 20-minute duration.
- At specific intervals, the masks were briefly removed to record the upper and lower eyelid temperature using a handheld thermography camera (HIKMICRO B20).
- Results show the average temperature of the upper and lower eyelids.



RESULTS:

- **I-RELIEF™** attains its full heating capacity of the eyelids 33% faster than Bruder, OcuSci™, Eyegiene, Blepha Eyebag©, and TheraPearl.
- **I-RELIEF™** quickly reaches the clinically effective temperature which allows for a rapid increase in eyelid temperature and yields significant benefits to MGD patients.



RESULTS:

- **I-RELIEF™** can retain the clinically effective temperature 60% longer than The Eye Doctor, 33% longer than Bruder, Eyegiene, and TheraPearl, and 14% longer than OcuSci™ and Blepha Eyebag©.
- **I-RELIEF™** outperforms other masks on the market and provides prolonged warmth to the eyelids.

CONCLUSION



SUPERIOR HEAT RETENTION: **I-RELIEF™** is shown to maintain clinically effective temperatures, offering extended relief for MGD patients and reducing the need for frequent reheating.

OPTIMAL SAFETY & COMFORT: **I-RELIEF™** demonstrates an ideal temperature profile minimizing the risk of burns while providing sufficient warmth for therapeutic benefits, making the treatment both safe and effective.

EFFICIENT HEAT DELIVERY: **I-RELIEF™** ensures that the temperature of the eyelids quickly reaches and remains above the clinically effective temperature longer than other products, providing effective symptom management and enhancing patient experience with the treatment.

SEE THE DIFFERENCE

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