

WE ARE HAPPY TO ANNOUNCE

MO WING - THE WINNER OF

SCANDEFA AWARD 2015

The SCANDEFA prize focuses on current product innovations in the "Dental Universe".

The SCANDEFA prize is awarded to an exhibitor who presented the most innovative news on the Danish market in 2014 and either:

1. Improves the dentist working conditions, so that she or he finds it is easier to carry out an investigation or treatment
and / or
2. Improves a treatment so the result is more durable and safe
and / or
3. Affirms the patient safety in a new and proven way

A jury selects a winner among the nominated products.

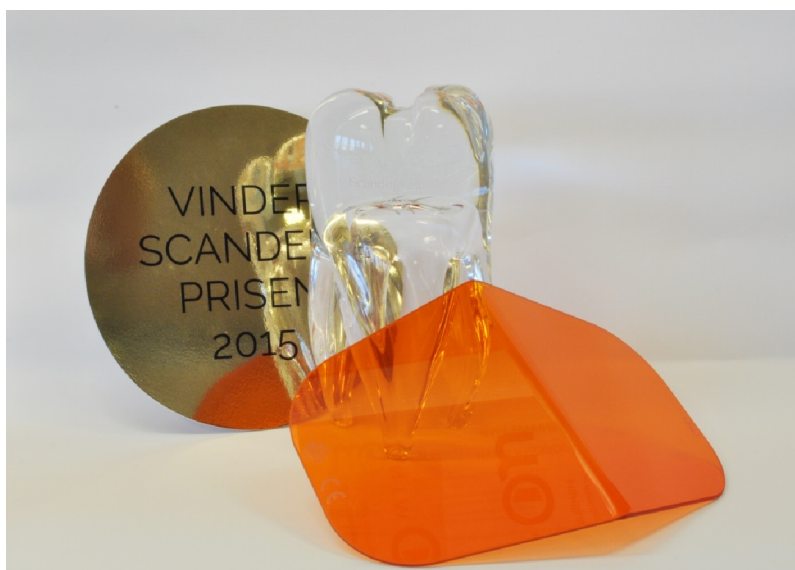
Price:

The winner of The SCANDEFA award receives a trophy and 5000 SEK. Further donated for a good purpose in the "Dental universe."

The winner was announced during The SCANDEFA 2015 on Thursday the 16 April at. 13:15 in the C2 - The SCANDEFA Prize & Lounge Area.

Winner of Scandefa Prize 2015:

MO Wing



In our efforts, to produce and develop products and concepts in benefit for dental workers, we are honoured to be awarded with the Scandefa Award 2015 for MO Wing.

Background of the development of MO Wing

The development of MO Wing is made in cooperation with Folk tandvården Stockholm (public dental healthcare) to achieve a user friendly ergonomic curing light protection. After been using the common “pingpong” shield often covered with scratches and poor protection because of the shape, FTV Stockholm to try to use protection glasses, but could soon note a poor usage rate because of time and handle struggle. With the MO wing they found a useful tool that gives protection when needed.

The blue light in moderns equipment is often driven by LED sources which has increased the power of the light compared to older ones, which means greater risk for the human eye. The injuries caused by the intensive blue light is to compare with viewing direct into the sun light.

The intensive Blue/UV light damage the cornea, the eye's lens, and other parts of the eye. Blue light and UV exposure contributes to the development of **cataracts** and may affect the macula in the retina, which is called **macular degeneration**. At unprotected intense blue light irradiation for a short time, for example from the curing light equipment, there is a risk of the formation of small cuts on the cornea. It feels like sand in the eyes, becoming red-eyed, light-sensitive and must impaired vision

Corneal injury

Symptoms include:

- Blurred vision
- Eye pain or stinging and burning in the eye
- Feeling like something is in your eye (may be caused by a scratch or something in your eye)
- Light sensitivity
- Redness of the eye
- Swollen eyelids
- Watery eyes or increased tearing

Blue-light hazard is defined as the potential for a photochemical induced retinal injury resulting from electromagnetic radiation exposure at wavelengths primarily between 400–500 nm

A 2014 study found that LEDs cause retinal damage even in settings where they are used indirectly, such as household light bulbs

Useful features

The **MO Wing** protects both the operator and the assistant at the dental theatre with its "roof" design and are constructed without a handle to put focus on the best placement for protection instead of a handle that gives a certain position. This design also facilitates an easy way to handle the **MO Wing** between the dental team.

Moreover it's important to mention the other benefit of the "roof" shape. The natural way to place the **MO Wing** is on the edges of the two sides, which protects the important viewing areas from scratches.

The **MO Wing** is tested at NIOM to and has now the NIOM classified stamp.

This means that the **MO Wing** gives full protection and gives the user the important feature of actually being able to see the placement of the curing light rod, which is very important for the end result of the treatment.