



## Surgical Face Shield

**WARF: P210049US02**

Inventors: Michael Bentz, Lennon Rodgers, Karl Williamson

The Wisconsin Alumni Research Foundation (WARF) is providing a time-limited royalty free license, which can be accessed [here](#), to companies to help facilitate rapid deployment of a surgical face shield to protect health care workers or others during the COVID-19 pandemic.

### Overview

The importance of face shields in preventing the transmission of infectious agents is increasingly well established. Typically, a face shield will include a headband that can be clamped about the head to support a transparent shield that can be positioned over the eyes and mouth of the user. However, traditional face shields interfere with eye loupes commonly worn during surgery.

### The Invention

Designed by a UW Health surgeon along with the University of Wisconsin Makerspace, this face shield is formed of a sheet of flexible material bent in an arc about a user's face with ends supported by the temples of glasses worn by the user. Cut outs in the face shield accommodate the use of loupe magnification, headlights and cameras without interference during procedures.

Materials and use instructions are available with a time-limited royalty free license, which can be accessed [here](#).

**For More Information About the Technology, Inventors and UW Makerspace:**

[surgery.wisc.edu/face-shield/](https://surgery.wisc.edu/face-shield/)

[Michael Bentz](#); [Lennon Rodgers](#); [Karl Williamson](#)

[UW Makerspace](#)

### Applications

- Hospitals and medical facilities
- Dental offices
- Other groups or individuals

### Key Benefits

- Tool in preventing the transmission of infectious agents
- Simple, cost-effective design

### Additional Information

**For More Information About the Inventors**

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- [Medical Devices : Accessibility](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846

## Figures



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