

# The Glia Stethoscope Equal to (or Better Than)

The Glia Stethoscope is a uniquely designed device created for medical professionals and used for the same purposes as traditional stethoscopes. It sets the bar in stethoscope quality compared to stethoscope price. Developed from a design similar to the Littmann Cardiology III, the majority of its design elements include 3D-printed components making it easy-to-replace or repair and a perfect lightweight and cost-effective option.

Glia's  
3D Printed  
Stethoscope

vs

The  
Littmann  
Cardiology III

## General

Overall, Glia has designed a low-cost, high-quality stethoscope that performs on the same level as the standard of care, is sustainable, and versatile. Most importantly, Glia's model is accessible to all.

## Performance

The Glia Stethoscope demonstrated comparable performance to the Littmann Cardiology III stethoscope.

## Sustainability

3D printing allows for personalized production of replacement parts, easy device design revision using computer simulations, and the use of recycled materials which contribute to more sustainable manufacturing.

## Accessibility

Material costs of only \$7.00 USD allows medical centres worldwide to reproduce Glia's open-source 3D printed stethoscope affordably.

## Versatility

Compared to standard stethoscopes, Glia's model is lightweight, durable, and easy to use. Uniquely, Glia's stethoscope can be safely used in MRI rooms.

## Innovation

An open-source model allows for endless innovation. People from around the world can customize, modify, and add to printing designs to fit their own personal needs.



glia  
equal care

info@glia.org • www.glia.org