# HOW TO USE THE HEADBAND

Updated: 04/10/2020

This quick reference guide will show you how to use the headband to protect the back of the ears against rubbing/abrasions from the elastic straps.

Updates and a copy of this guide can be downloaded at: instructioninc.com/masks

**Headband Setup**

1. Wrap the elastic strap around the appropriate notch.
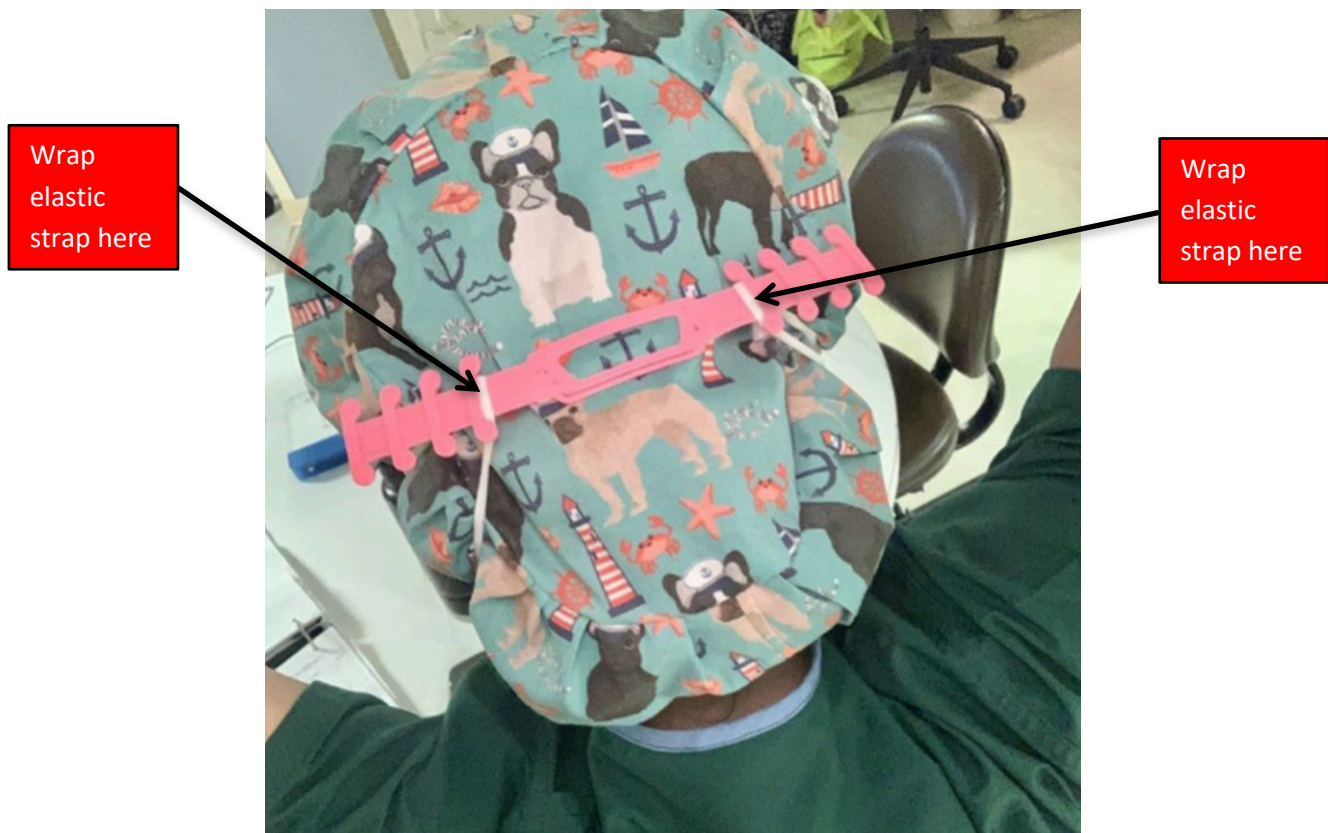2. Ensure snug fit that follows the PPE standards as outlined by your organization.



Wrap elastic strap here

Wrap elastic strap here

Figure 1. *Headband notch and elastic strap placement*

*Flip to the page for finishing details.

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## Finishing

Our printer has been modified to extrude more plastic in a shorter amount of time and we're constantly tuning this with each batch. This means that some masks may require more sanding and finishing.

We're printing on a bed of Kapton tape with a layer of glue. Some batches may have a small or moderate amount of glue on the surface that was in contact with the print bed.

These aesthetic imperfections can be easily remedied with a combination of wet and dry sanding, and de-burring with a file.

Make sure to clean and sanitize your headband, we recommend following the PPE standards as outlined by your organization. Additionally, consider following the guidance posted at the link below:

## Links
- 3dprint.nih.gov

## Finishing steps

1. Identify aesthetic imperfections.
2. If need be, consider de-burring with a file.
3. Lightly sand the headband (wet and/or dry sanding).

Figure 2. *Aesthetic imperfections*

Figure 3. *Wet sanding*

Figure 4. *Dry sanding*