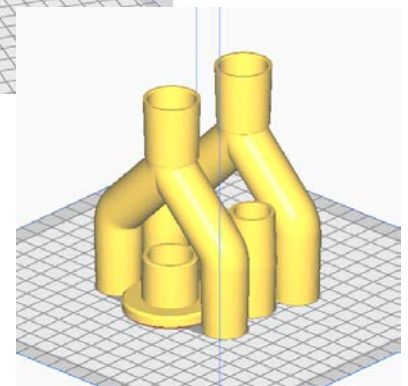
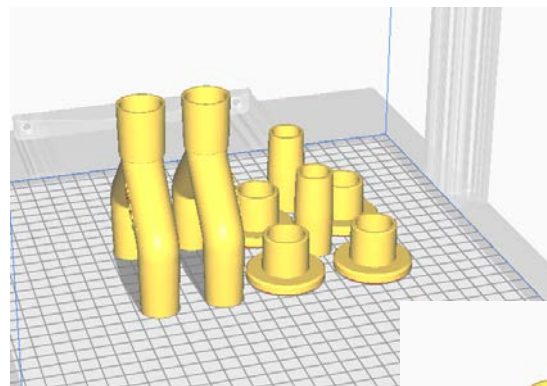


## Summary

The COVID-19 event has created increased demand and shortage in ventilators. Of the various solutions being explored, the FDA has cleared the way for emergency use of ventilator splitting devices so that a single ventilator can support multiple patients at the same time. Healthcare providers are seeking ventilator splitter devices for their use on patients immediately.

Intermed Partners has designed a solution called VSplitr with valves as well as a customizable configuration that help address the main drawbacks related to virus aerosolization and disparities between patients.

## PARTS & PRINT ORIENTATIONS



## FINAL SOLUTION



# I N S T R U C T I O N S

The VSplitr consists of 3 separate components. An .STL file is provided for each component. A .3MF file is also provided for users to drop a pre-configured orientation into a slicer like Cura. This configuration takes approximately 12hr to print and uses 39.5g of filament. It has custom brims modeled in so you only need to add a skirt if you wish.

*Note: Ender-5 users can optionally use the provided .gcode file is configured for an Ender-5 with stock settings.*

## Steps:

1. Download .stl files - 3 total files
2. Import into your slicer of choice (e.g. Cura) - an optional orientation (.3MF) file is also provided to assist with recommended orientation
3. For best results print VSplitr and M2M Adapter with a brim. No supports are needed.
4. Use standard PLA settings for your 3D printer.

Additional components:

1. VSplitr is designed to work with **standard 3/4-inch Schedule 40 Socket PVC Ball Valve** that can be purchased at a hardware store like Lowe's or Home Depot

# S P O N S O R S

