Possible COVID-19 Open Source/DIY Ventilator Deployment

STEP 1

Create Testable Model

Open Source Developer Team

STEP 2

Let's see if we can build it!

Open Source Prototype Team

Build-able

Yes!

No

Back to the drawing board

STEP 3

Here's a test lung!

Open Source Test Fixture Team

STEP 4

It passes every test!

Open Source Test Team

Pass??

Yes!

No

Go back to Step 1

STEP 5

A worthy cause: $$$ for parts!

STEP 6

With this prototype, we can make manuals and videos!

Open Source Training Team

Training

Usable ??

Yes!

No

Must be usable

STEP 7

With these parts and design, we can build 1000!

Open Source Build Volunteers

Doctor Approved

Yes!

Informational Design Certification

No

Back to the drawing board

STEP 8

Desperate times require desperate measures!

Doctors

1000 Ventilators

STEP 9

Hope at last

Ventilators   Certification   Training

1000 Patients