



Review of COVID-19 Capabilities and Needs Repository

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Overview

- Collaboration with the Food and Drug Administration (FDA), Department of Veterans' Affairs (VA), and National Institutes of Health (NIH)
- Help ensure the additive manufacturing can effectively and safely meet the needs of America's healthcare workers on the front lines of the Coronavirus crisis
- Intended for those within their organizations that have the authority within their organization to speak on behalf of the company and dedicate necessary resources

SUBMIT HERE

Please click on the appropriate button below to submit your organization's AM capabilities, AM designs, or health care PPE needs so we can effectively mobilize to help fill the shortage of the supply chain.



Health Care Providers

Submit Your Needs Here



Designers

Submit Your Designs Here



Manufacturers

Submit your AM Capabilities Here

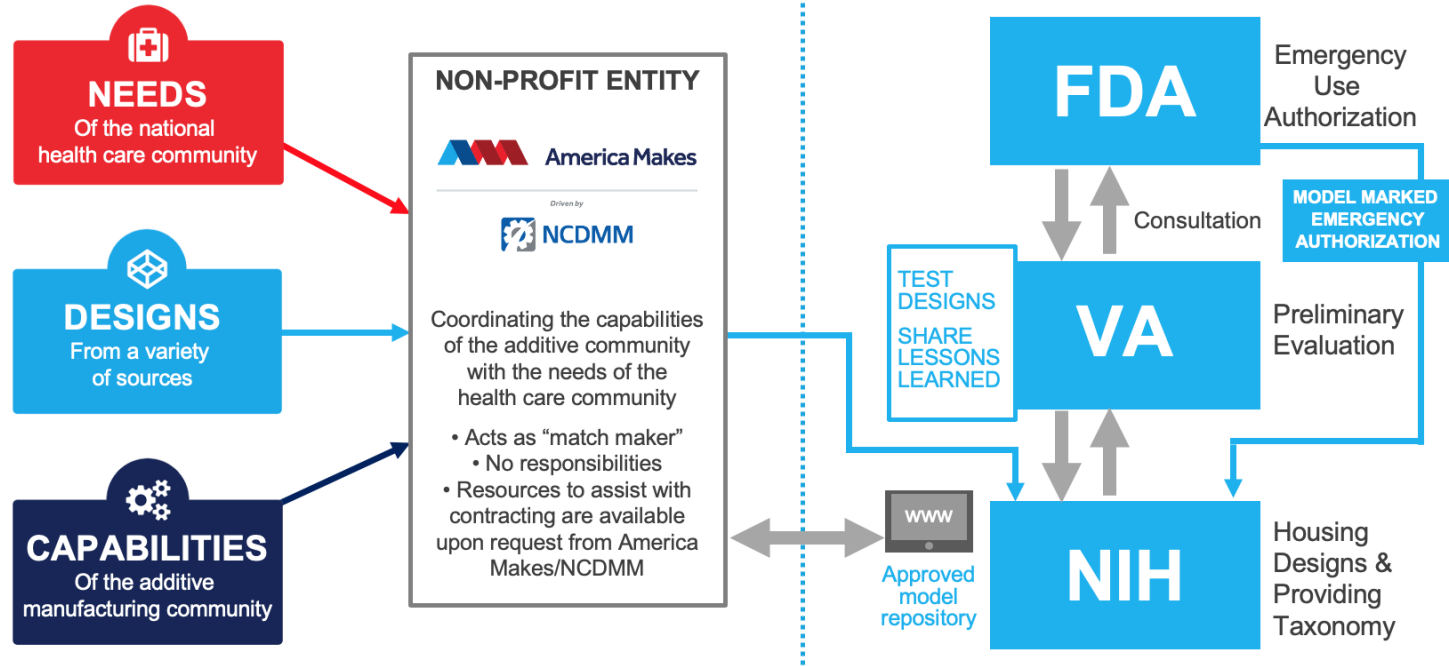
Why America Makes?

- The Department of Defense's Manufacturing Innovation Institute (DoD MII) for additive manufacturing, part of the Manufacturing USA network
- The nation's leading and collaborative partner in AM and 3D printing technology research, discovery, creation, and innovation
- Our mission is to drive collaboration within our industry to meet the needs of the U.S. government and manufacturing base – a mission more critical in the fight against the COVID-19 pandemic

Purpose

- The site streamlines the review process for uploaded designs, allowing manufacturers to rapidly create those items to prioritize delivery where it is needed most
- The site will allow for reviewed 3D print designs to be available additive manufacturers
- The site matches industry capabilities with real time needs of the health care community
- The site positions the industry to continue to meet supply chain needs long-term

How it works



What happens to the data?

The data collected will be used to:


- Act as a pathway for designs to be reviewed and tested for recommendation in a clinical setting.
- Connect the manufacturing community's capability with the needs of the health care community to streamline supply chain structure


Health care providers


- We are asking that individuals coordinate needs submissions through their appropriate procurement channels
- Once your needs are submitted the system will match them with a manufacturer's capabilities in your area
- The repository is **not** a marketplace, the manufacturer will be notified of your need and connect independently
- All designs, regardless of designation, will be placed on the NIH 3D Print Exchange with the appropriate label


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Manufacturers


- Manufacturers capabilities will be visible by the America Makes team and government partners (FDA, NIH and VA) **only**
- Critical information to include: materials, design tools, print capabilities and capacity
- Best efforts in connecting the health care community with capable suppliers and will be notified through email


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Designers


- Designs submitted are intended to be open sourced and shared with additive manufacturers
- Submitted designs will be fast tracked for review FDA, VA and NIH for recommended use in a medical setting
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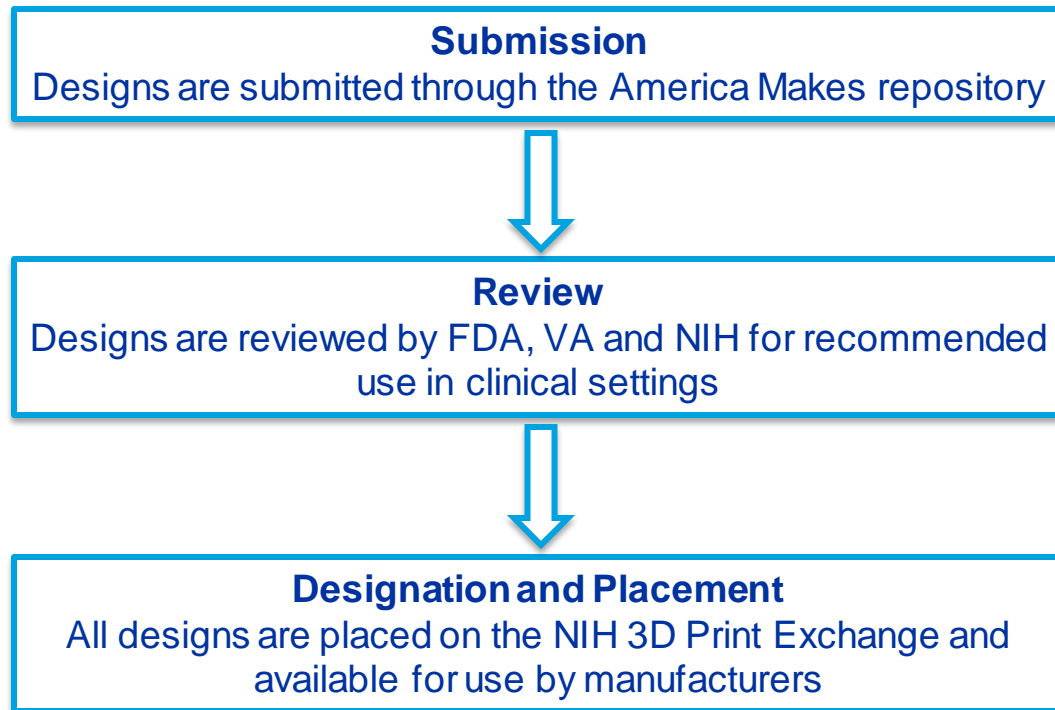

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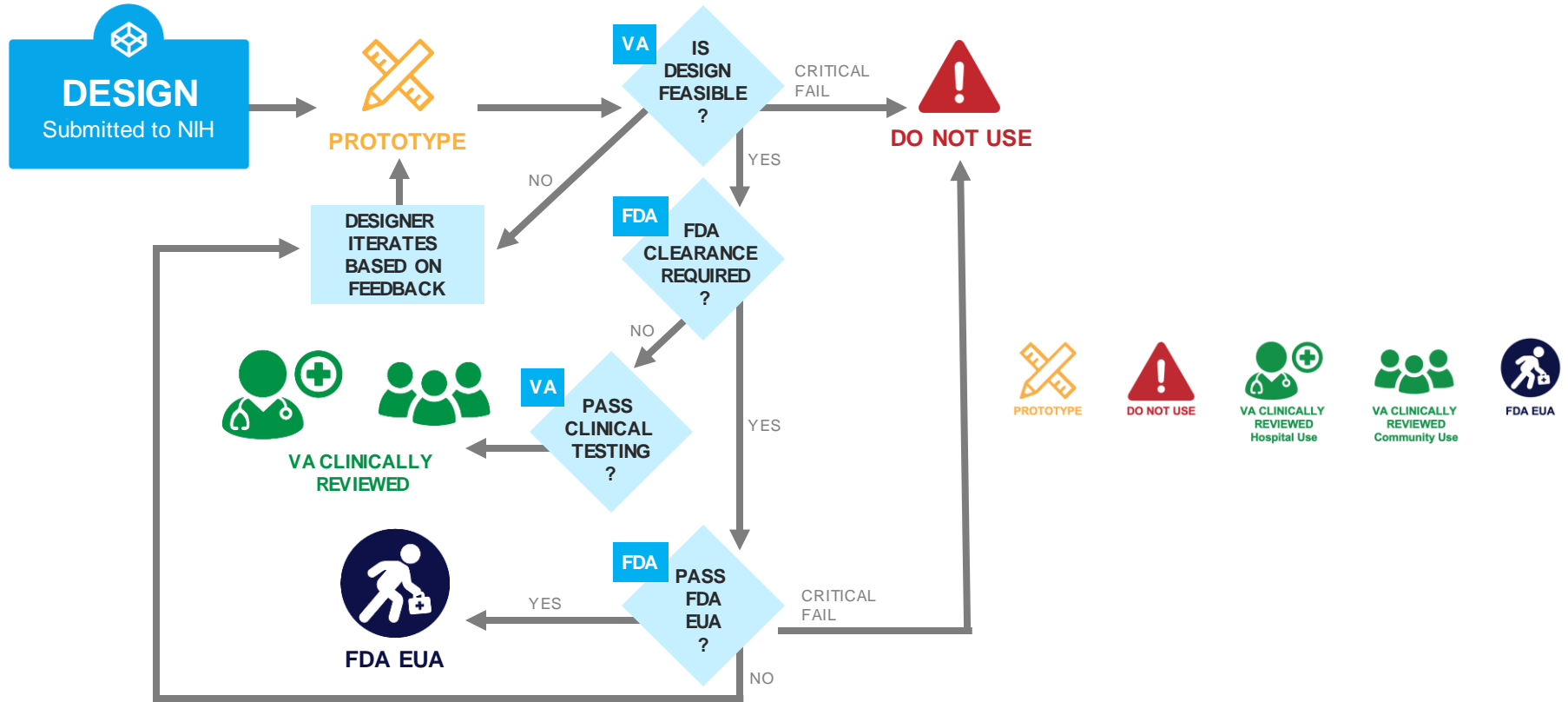

Designers
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Manufacturers
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The Design Review Process





The Design Review Process

All submitted designs will be labeled with 1 of 5 designations and placed as such on the NIH 3D Print Exchange

Designations



PROTOTYPE



DO NOT USE



VA CLINICALLY
REVIEWED
Hospital Use



VA CLINICALLY
REVIEWED
Community Use



FDA EUA

For additional information

Questions

- Email us at covid19@americamakes.us

Regular updates

- Visit the repository for regular updates at www.americamakes.us/covid-19
- Join the mailing list at www.americamakes.us/join-maling-list

Media inquiries

- Email Andrew Resnick at andrew.resnick@ncdmm.org

When America Makes, America Works



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