



Journal of Medical Devices

CALL FOR PAPERS Special Issue on COVID-19 Medical Devices: Prevention, Diagnosis, and Treatment

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Special Issue on COVID-19 Medical Devices: Prevention, Diagnosis, and Treatment

SARS-CoV-2, the cause of the disease commonly called COVID-19, has now infected more than 179 million individuals and caused over 3.9 million deaths worldwide, putting a huge burden on the healthcare system. The FDA has issued Emergency Use Authorization for many devices designed to be used during the COVID-19 public health emergency. There are still shortages of various devices such as novel breathable masks, rapid and scalable COVID-19 diagnostic devices, and medical ventilators.

This Special Issue of the *ASME Journal of Medical Devices* is intended to be a collection of original research that highlights the design, fabrication, and testing of medical devices related to COVID-19 treatment. Manuscripts submitted for this Special Issue should involve *novel* devices that address issues linked to the COVID-19 emergency. All avenues of experimental research from proof-of-concept demonstration to exhaustive assessment of new devices, augmented by numerical and/or computational analysis, are welcome. Stand-alone computational or numerical study is beyond the scope of this Special Issue. Topic areas limited to COVID-19.

Topic Areas

- Protective devices
- Diagnostic devices
- Treatment devices
- Medical devices
- Lab on Chip
- Disease diagnosis

Publication Target Dates

Paper submission deadline
Initial review completed
Special Issue publication date

September 15, 2021
October 15, 2021
March 2022

Submission Instructions

Papers should be submitted electronically to the journal at journaltool.asme.org. If you already have an account, log in as author and select **Submit Paper** at the bottom of the page. If you do not have an account, select **Submissions** and follow the steps. In either case, at the **Paper Submittal** page, select the [ASME Journal of Medical Devices](#) and then select the Special Issue **COVID-19 Medical Devices: Prevention, Diagnosis, and Treatment**.

Papers received after the deadline or papers not selected for inclusion in the Special Issue may be accepted for publication in a regular issue.

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