



Medical Product Development through Additive Manufacturing

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Deadline for manuscript submissions:

closed (31 January 2024)



Message from the Guest Editors

Dear Colleagues,

Internationally, significant progress has been achieved in using additive manufacturing (AM) to develop groundbreaking solutions for individual patient cases, with significant impact on patients' lives. As such, there is a need to publish related outcomes to communicate successful results and draw attention to both AM and the medical/surgery field.

On these bases, we are pleased to propose a Special Issue which will illustrate the benefits of AM to both patients and surgeons. The Special Issue encourages contributions that may include but are not limited to:

- Design for AM of patient-specific/customized implants; surgical guides and implant placement guides;
- Patient-specific/customized implants using AM;
- Patient-specific/customized surgery or placement guides;
- Design and manufacturing of assistive devices;
- Materials research related to medical device/medical product development;
- Research on medical products using AM from the COVID-19 pandemic;
- Design and manufacturing of patient care/patient treatment devices using both additive and conventional manufacturing techniques and design specifications/requirements.



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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