

Special Issue

Design, Safety and Ergonomics of Biomedical Devices

Message from the Guest Editors

Technology-driven developments of biomedical devices and software continue to generate new, alternative ways of providing healthcare diagnoses, treatments, and therapies. The application of design and ergonomics methodologies can be used to create safe biomedical devices.

This Special Issue focusses on how design and ergonomics are combined with the disciplines of the safety sciences to develop new, effective, and safe health technologies. These can include, but are not limited to, the following:

- Usability of biomedical devices
- Human-factor approach to biomedical device and design
- Methodologies to create safe biomedical devices and technologies
- Creating technologies for patient-centered care
- Ergonomics, technologies, and safe patient care
- The impact of design and ergonomics on effective and safe health outcomes

The Special Issue Link:

appls-ci.com/special-issues/biomedical_device

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About the Journal

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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