

Special Issue

Application of Artificial Intelligence in Cardiovascular Surgery

Message from the Guest Editor

In the last few decades, cardiovascular surgery has undergone continuous and remarkable advancements. The advent of minimally invasive, robotic, and transcatheter techniques has significantly reduced morbidity and mortality associated with conventional open-heart surgeries. Additionally, patients who were previously considered high-risk or unsuitable candidates for surgery are now able to undergo invasive treatments.

We are pleased to invite you to share your experiences regarding the role of AI in revolutionary advancements in cardiovascular surgery, in terms of risk assessment, complication prediction, surgical planning, postoperative care and telemonitoring, or any other innovative applications. This Special Issue welcomes original research articles and reviews. Research areas may include (but are not limited to) the following:

- Clinical trials;
- Systematic reviews and meta-analyses;
- Prospective and retrospective cohort studies;
- Validation studies;
- Case reports or first-in-man studies.

I look forward to receiving your contributions.

Guest Editor

Dr. Ana Paula Tagliari

1. Instituto de Ciências Básicas da Saúde, Universidade Federal do Rio Grande do Sul, Porto Alegre 90035-003, Brazil
2. Cardiovascular Surgery Department, Hospital Mãe de Deus, Porto Alegre 90880-0481, Brazil

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Healthcare
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
healthcare@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Healthcare is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista

Sue & Bill Gross School of Nursing, University of California, Irvine, CA
92697, USA

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