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**Editors:**

**Ida Sofiyanti**

**Nur Amin**

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***“Transforming Healthcare Through Innovation and Technology”***

**Semarang, November 5-6, 2025**



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#### **Layout**

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#### **Publisher:**

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#### **Editorial Staff:**

Jl. Diponegoro No. 186 Gedanganak Ungaran Timur - Semarang, Central Java

Tel : 024 6925408, Fax: 024 6925408

<http://unw.ac.id>/e-mail : [fakultaskesehatanunw@gmail.com](mailto:fakultaskesehatanunw@gmail.com)

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## **Preface**

We are delighted to present the Proceedings of the 2nd International Conference on Health organized by the Faculty of Health, Universitas Ngudi Waluyo. This edition brings together 31 rigorously peer-reviewed articles that explore the theme, "Transforming Healthcare through Innovation and Technology." This volume represents a collection of scholarly works that reflect the commitment of researchers, academics, healthcare professionals and students from various institutions to advancing health sciences through innovation and interdisciplinary collaboration.

The research featured in this edition addresses some of the most pressing challenges arising from rapid technological advancements in the healthcare sector, which continues to evolve through the integration of artificial intelligence, digital health solutions, precision medicine, pharmaceutical innovations, and sustainable healthcare systems. The papers presented in these proceedings showcase a wide range of research findings, innovative practices, and evidence-based approaches that contribute to improving healthcare quality, accessibility, and resilience worldwide.

The successful publication of these proceedings would not have been possible without the valuable contributions of many individuals and institutions who entrusted us with their scholarly work. We extend our sincere appreciation to all authors, whose dedication and commitment to scientific research have significantly enriched the diversity of this publication. We also express our deepest gratitude to our expert reviewers for their insightful feedback and constructive evaluations, as well as to the dedicated editorial team whose hard work and commitment made this publication possible.

Finally, we recognize that this publication may still have limitations. Therefore, we warmly welcome constructive feedback and suggestions for future improvements. We hope that the knowledge shared in this volume will contribute to the advancement of health sciences and technology and create a lasting positive impact on global health.

Semarang, 2025

Chairman of the Committee

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