

1. Record Nr.	UNINA9911018749103321
Autore	Vlad Simona
Titolo	9th International Conference on Advancements of Medicine and Health Care Through Technology : Proceedings of MEDITECH 2024, September 30 - October 2, 2024, Cluj-Napoca, Romania / / edited by Simona Vlad, Nicolae Marius Roman
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-95671-0
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (406 pages)
Collana	IFMBE Proceedings, , 1433-9277 ; ; 130
Altri autori (Persone)	RomanNicolae Marius
Disciplina	610.28
Soggetti	Biomedical engineering Signal processing Biomechanics Biomedical Devices and Instrumentation Signal, Speech and Image Processing Biomechanical Analysis and Modeling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Biometric Medication Storage System -- Conceptual model of an eye movement simulation procedure for motor dysfunction prediction -- Adaptable Mechanism for Walking Aids -- Neonatal Incubator: An Arduino-Based Prototype with Multi-Sensor Integration and Real-Time Data Streaming -- The Patient-Mounted Ambulatory Infusion Pump – At-Home Treatment and Patient Freedom Solutions -- Rehabilitation Sensory Device, etc.
Sommario/riassunto	This book gathers the proceedings of the 9th International Conference on Advancements of Medicine and Health Care through Technology, MEDITECH 2024, held as a hybrid event on September 30 - October 2, 2024, from Cluj-Napoca, Romania. It reports on both theoretical and practical developments in medical devices, biomedical signal and image processing, and biomedical engineering education. Both the conference and the realization of this book were supported by the National Society of Medical Engineering and Biological Technology of Romania (SNIMTB) in collaboration with the International Federation for Medical and

Biomedical Engineering (IFMBE), the Technical University of Cluj
Napoca, the “Iuliu Haieganu” University of Medicine and Pharmacy and
“ Constantin Papilian” Military Emergency Hospital from Cluj-Napoca,
Romania.
