BIOENGINEERING AND MEDICAL-SURGICAL SCIENCES

DM 630/Saluber - Telemedicine – Development of an evolutionary model of the approach to health

Funded By	SALUBERMD S.R.L. [P.iva/CF:11005490963] MINISTERO DELL'UNIVERSITA' E DELLA RICERCA [P.iva/CF:97429780584]

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Context of the research activity	The project aims to improve the efficiency, accessibility and safety of telemedicine, exploring advanced technologies that can enable a growing adoption. Progetto finanziato dal PNRR a valere sul DM 630/2024 - CUP E14D24002350004

Objectives	Through research and development, the project aims to improve the efficiency, accessibility and safety of telemedicine, exploring advanced technologies that can enable a growing adoption. This objective is absolutely centered with the PNRR objectives, particularly the topic of digitalization. Specifically, it is a particularly challenging objective in Italy both from the point of view of the normative and regulatory framework and of the possible integration with medical devices and existing health systems. However, the potential increase in efficiency of health services in terms of accessibility to care and reduction of waiting times is evident. In this research path, particular attention must be paid to critical success factors, such as: 1. Reliability and security of data. 2. Regulatory compliance and certification of the solution. 3. Integration with existing health systems and interoperability. 4. Integration of medical devices with increasingly precise, complete and reliable data collection. 5. Ease of use, intuitiveness and multi-platform support. 6. Potential integration with predictive models and AI.

Skills and competencies for the development of the activity	The candidate must have a background in Biomedical Engineering with a focus on Computer Science, must be comfortable in an uncertain, dynamic and constantly evolving context, and must be able, collaborating with the entire team, to trace and implement a clear and effective evolutionary path.