Nutrilink-AI Hub

Connecting patients, carers and Health care professionals against malnutrition

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Ελληνική Εταιρεία Ιατρικής/Κλινικής Διατροφής & Μεταβολισμού (GrESPEN)
ΑΠΟΚΛΕΙΣΤΙΚΟ ΑΝΑΓΝΩΡΙΣΜΕΝΟ ΜΕΛΟΣ ΤΗΣ ESPEN ΣΤΗΝ ΕΛΛΑΔΑ

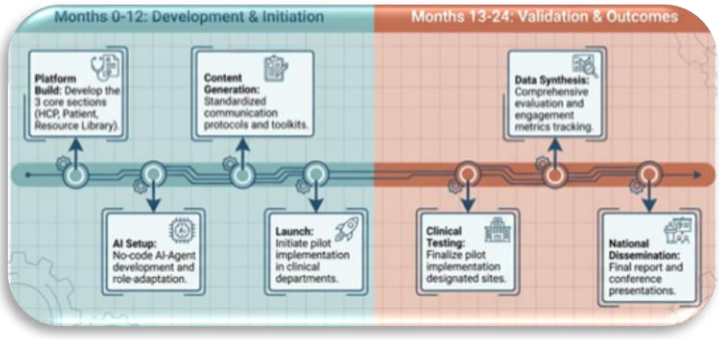
Description of the initiative

- **Background / context Rational:** Malnutrition is widely overlooked and still remains untreated, compromising patient clinical outcomes and quality of life across healthcare settings.
- **Rationale:** This initiative fosters interprofessional collaboration among patients, caregivers, and clinicians to enhance malnutrition screening, awareness, and evidence-based interventions via integrated care pathways. By optimizing communication and role clarity, this project aims to mitigate disease-related nutritional deficits effectively.
- **Objectives and scope:** The aim of this project is to empower patients, carers and healthcare professionals by strengthening the awareness and knowledge level of early malnutrition identification, effective communication practices, and the implementation of clinical nutrition pathways in routine care.

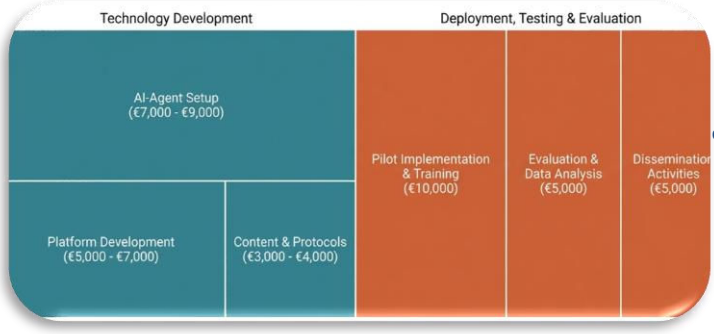
Planned activities & deliverables

- Outline the key steps of the project management plan
- Creation of a digital platform which will serve as a central repository for clinical guidelines, educational material, resource toolkits, communication protocols and HCP forum
- Development of a no-code AI-Agent which will act as a 24/7 digital consultant, adapting its persona based on the user role (HCPs, Patients/Carers)
- Development of standardized communication frameworks between patients and HCPs
- Structure of resource toolkits with quick reference guide, leaflets and monitoring templates
- Pilot implementation in collaboration with clinical departments (in the form of workshops) to test in real-world environments
- **What are the concrete deliverables of the project?**
- 1) Operational AI-Enabled Nutrition education platform, 2) Role-adaptive AI functional chatbot for HCPs and patients 3) Standardized protocols integrated into the AI-agent, 4) User-Friendly clinical toolkit packages, 5) Pilot site completion in Clinical departments, 6) Evaluation Report and engagement metrics, 7) Education program for HCPs and students

What progress and achievements are possible in the next 12 and 24 months?



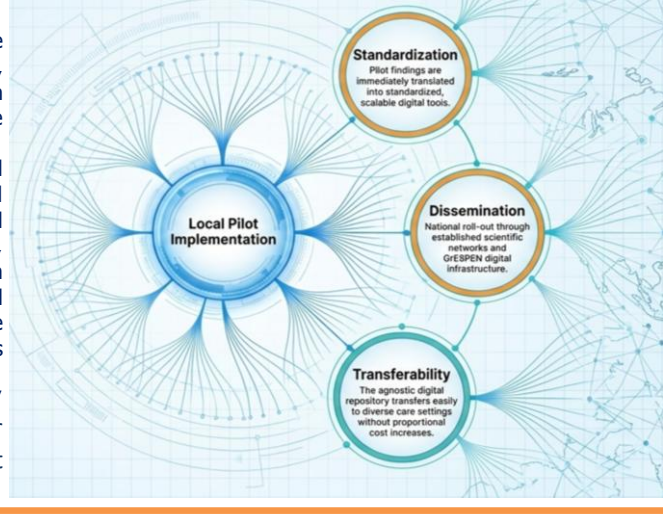
Resources and enablers: Multidisciplinary team including clinical nutrition experts, dietitians, physicians, a digital developer, project coordinator under the supervision of GrESPEN



What factors will make the project successful? The use of low-cost, user-friendly digital tools and clearly defined communication protocols will facilitate integration into routine practice, while pilot testing in real clinical settings will ensure feasibility and relevance. Continuous evaluation and feedback will enable refinement, supporting scalability and wider adoption

Results, expected outcomes & impact

- **How will the findings be implemented?** Findings can be immediately translated into clinical practice within pilot sites, standardized into scalable tools, and disseminated nationally through scientific networks and digital infrastructure, enabling progressive integration into daily clinical practice
- **How will this project advance nutritional care in clinical practice in one or more of the following areas of clinical nutrition:** This digital platform along with the AI Agent tool will provide substantial support for implementing systematic screening, standardized communication, and reinforcing adherence to nutrition pathways. These efforts aim to improve patient outcomes and engagement, while empowering patients and enhancing healthcare professionals' awareness through continuous educational programs endorsed by GrESPEN.
- **Is the project transferable to other care settings / geographical regions?** This project is highly transferable to other care settings and geographical regions due to its low-cost, digital-first design and use of adaptable, evidence-based tools



☑ **Please tick to confirm the PEN letter of endorsement is attached. Incomplete submissions will not be considered.**

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