**EMPOWERMENT PATHWAY PREVENTING PRESSURE INJURY**

**MAIN OBJECTIVES:**

1. Contextual analysis of healthcare policy and system engagement, and maturity of approach to assessment, treatment, standardized procedure, practitioner training and access to prophylaxis in Romania, Poland and Scotland, to inform EU-wide understanding of the healthcare value of SEM scanner assessment, improved risk stratification and prevention management for pressure injury.
2. Assessment of baseline data and standardized costs of healthcare practitioner time, devices, consumables and prophylaxis; plus treatment costs for pressure injury, to establish burden on healthcare systems arising from pressure injury incidence in standard assessment and care pathways.
3. Comparison of above data from the prospective studies to propose the healthcare value in acute and care pathways. Value is assessed as Cost-Benefit Analysis (value for money is identified when monetized benefits are at least 3x greater than the cost of investing and implementing change) and Cost-Utility Analysis (value for money is identified when monetized quality of life benefits fall within a certain threshold (typically in UK £30,000 per 1 quality-adjusted life year; adjusted for EU QALYs).
4. Enable the EPPPI study to inform key EU stakeholders in pressure injury prevention: academic; professional; policy; practitioner and patient groups; to promote best practice in pressure injury prevention.

**STUDY DATA:**

* Literature review SEM scanner assessment vs standard visual assessment; SEM scanner use in acute and home care pathways; impact on patient outcomes; patient-led prevention methods; patient experience of pressure injury (published studies 2015-2024 including systematic reviews and original studies of prospective or retrospective design).
* Policy analysis Romania, Poland, Scotland (extant policies and national guidelines; and recent history of policy/guideline developments 2015-2024).
* Prospective study data 500 patients acute cardiac patients, Poland (2024-25).
* Prospective study data 100 patients home care pathway, Scotland (2024-25).

**STUDY DESIGN:**

* Literature review January – March 2025 (submit for publication)
* Policy review January – March 2025 (submit for publication)
* Baseline data economic analysis April to June 2025
* EPPPI intervention economic analysis July to December 2025
* Final economic analysis report May 2026 (submit for publication)

**PUBLICATION**

Target publications include:

* International Wound Journal
* Journal of Tissue Viability
* Journal of Wound Care
* International Journal of Integrated Care
* European Journal of Health Economics

**ACADEMIC LINKS**

RoHealth is a partnership organisation operating in the quadruple helix with over 150 members from academic institutions (medical, pharmaceutical and healthcare science), research institutes, health and care providers and commercial entities. The organisation is a partner in 8 EU funded studies and a finalist in the Romanian Research Gala 2024.

RoHealth has active collaborations with 14 universities in Romania and the Romanian Society of Romanian Informatics.

Through these links RoHealth will enagage with academics active in research and teaching in specialisms associated with pressure injury (wound care, social care, acute nursing care, primary care) to contribute to a Research Advisory Group for EPPPI.