**Empowerment Pathway Preventing Pressure Injury Project**

**NSS STT**

**Suggested Patient Research Approach**

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| Research Question | Method/s | Aim /s |
| How can use of SEM scanning technology and rapid prevention interventions reduce the burden of PI treatment on patients and home carers | * 1:1 or group interviews with professional carers responsible for designing self-care advice and strategies with patients and unpaid carers in acute (prior to discharge) and home care settings
 | * To explore self-reported changes in awareness of options and resources to support implementation of self-care strategies associated with SEM score monitoring (what was good/what was challenging)
* To explore perceptions of how SEM has influenced patient behaviour change and adherence to self-care options, and any consequential effects (e.g. impact on co-morbidities)
* To co-design ways in which implementation of SEM scanning technology could be successfully achieved with patients as empowered partners in prevention
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| How can SEM Scanner data empower, motivate and support patients and informal carers to engage in preventive self-management activity, and what impact does this have on outcomes | * 1:1 interviews with a diverse sample of patients at risk of PI
* 1:1 interviews with a diverse sample of informal carers
* Observation of a sample of patients /carers using the SEM scanner data to make care decisions
* Longitudinal survey with patients at risk of PI to include Decision Self Efficacy Scale and Health Related Quality of Life scale: before and after introduction of SEM
* Prototyping design sessions with a small, representative group of patients and carers
 | * To explore patient and carer experience of using SEM data to support decision making and self-management techniques
* To understand how the SEM data empowered and supported patients and carers to make decisions about their care
* To understand ways in which patient quality of life has been affected by SEM
* To identify / co-create opportunities for improvements to SEM in order to best empower and support patients and carers to make decisions about self-management techniques
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| How can the home care pathway, from hospital discharge through care planning to maintenance of care, be designed to ensure SEM Scanner short window of opportunity for prevention is used to maximum potential | * Service design sessions with key stakeholders
 | * To design effective patient access to self help tools and resources in different patient pathways exploring apps, websites, downloadable resources and other methods
* To identify appropriate professional and carer guidance for planning and monitoring patient self help
* To explore what else needs to be in place to maximise patient self-help prevention strategies
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| How can key professional groups (Tissue Viability, community nursing, discharge planners) be supported to adopt system changes | * 1:1 or group interviews with a diverse sample of participants from key professional groups
* Design workshop with a diverse sample of participants from key professional groups
 | * To identify ways in which implementation of patient self-help can be supported by key professional groups
* To understand potential barriers faced by key professional groups to the implementation of SEM-informed patient self-help
* To co-create ways in which we might support professional staff to adopt required changes in practice to promote patient self-help
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