SEM Scanner Prevention Algorithm



Striving for Perfect Care – Preventing skin breakdown in the community setting in the UK

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Objectives

Aim to prevent and reduce the numbers of pressure injuries/ulcers (PI/PUs) developed within the community care setting

A total of 445 PI/PUs were reported by Mersey Care NHS Foundation Trust Community Services during Q1 2019/20

This included:

- · Present on admission
- Developed whilst on the caseload
- Deterioration whilst on the caseload



Method

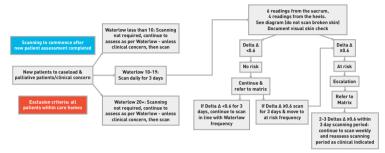
- 2 pilot district nursing sites identified for a 12-week PURP with a focus on palliative care patients
- Patients scanned 4 5 days per week
- Intervention was implemented depending upon the results of the SEM Scanner readings



Results

- 16.1% PI/PU incidence in the pre-study pilot period
- 11.8% PI/PU incidence achieved during study pilot period
- Incidence during the study period reduced by 26.9%

Appendix One. SEM Scanner Flowchart



SEM Scanner Matrix

Review patient holistically
Implement action plan based on risk factors
Document all actions taken including actions taken to prevent skin damage.
Review Waterlow as indicated
Provide patient advice/education

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Review Waterlow as indicated
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Clinical judgement should always be utilised. Review scanning frequency if clinical concerns/deterioration of condition.



Discussion

Trust Executive Team agreed to procure SEM Scanners for every District Nursing Team and Ward 35 (Intermediate Care)

SEM Scanner implemented into clinical practice across all District Nurse Bases.



