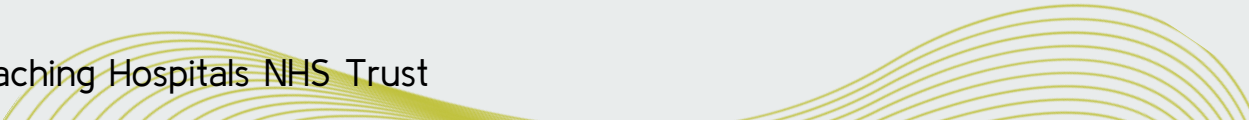


INTRODUCTION OF A NEW MOISTURE ASSOCIATED SKIN DAMAGE PATHWAY IN ADULT CRITICAL CARE AT LEEDS TEACHING HOSPITALS

Presented by Cathy Gacad
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SITUATION

- Frequent Moisture Associated Skin Damage (MASD) on a 36 bedded general intensive care unit across two hospital sites
- Often deteriorating from initial severity score.
- Investigations saw a number of Category 2 pressure ulcers developing from MASD

BACKGROUND

- Complicated wound care plan
- Multiple continence aids available
- Multiple barrier creams available
- Increase in new starters

Patient Label

MASD Severity	Product	Application frequency	Application amount
<p>Mild</p> <p>Red but skin intact</p>	<p>Barrier cream</p> 	<p>Every third wash</p>	<p>Thin layer</p> <p>Pea-sized amount for an area the size of a hand approx.</p>
<p>Moderate</p> <p>Mild breaks to affected area</p>	<p>Barrier spray</p> 	<p>Every third wash</p>	<p>Thin, even layer</p> <p>Allow to dry for 30 seconds</p>
<p>Severe</p> <p>Extensive breaks to area with bleeding</p>	<p>Cavilon advanced</p> 	<p>Twice weekly</p>	<p>Thin, even layer</p> <p>Allow to dry for 30 seconds</p> <p>Water only to cleanse the skin and do not use any other product once applied to the area</p>



Scan here to view examples of the different level of moisture associated skin damage

Medical photography requested?

Date requested.....

Date obtained..... OR

Date Photo uploaded with I-Pad

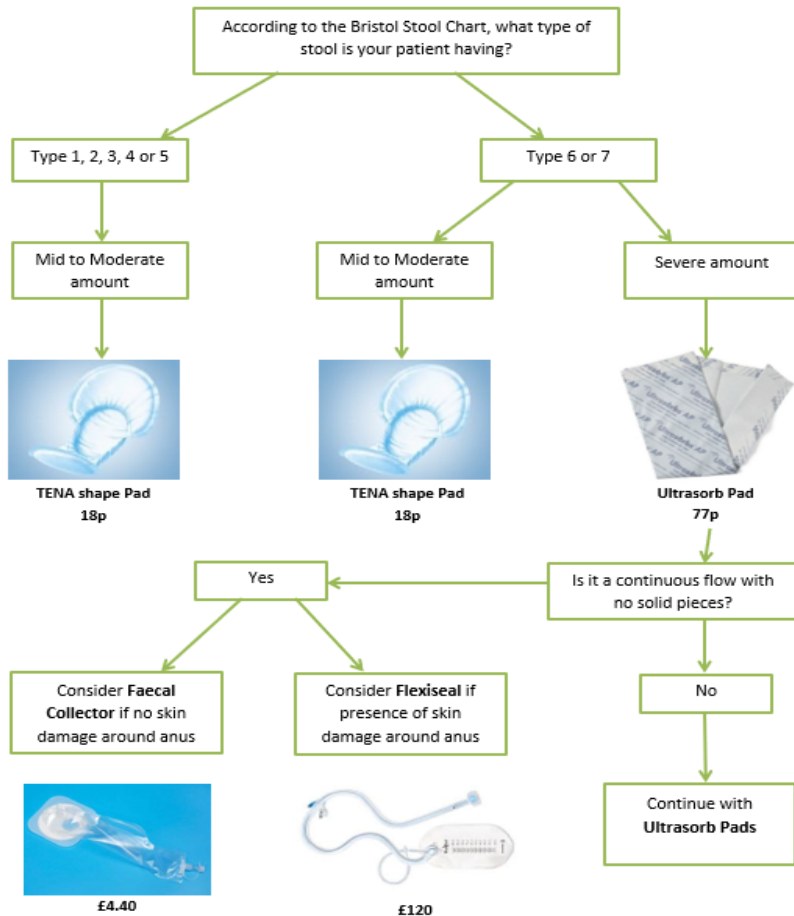
Datix sent

Date sent.....

Datix number.....

Date & Time	Severity score & description	Size/area	Actions (cream/pads/cleansing agent used)	Name & signature
	Mild <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Cavilon advance (circle appropriate response) Y/N Date applied: Date due: ONLY WATER USED WITH CAVILON ADVANCE	
	Mild <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Cavilon advance (circle appropriate response) Y/N Date applied: Date due: ONLY WATER USED WITH CAVILON ADVANCE	
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	Mild <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Cavilon advance (circle appropriate response) Y/N Date applied: Date due: ONLY WATER USED WITH CAVILON ADVANCE	

Bowel Care & Moisture Associated Skin Damage



PICK THE PERFECT PAD



Shaped incontinence pads – to be utilised for mild to moderate incontinence. Can be used with dignity shorts or net underwear.
COST: 18p per pad

Ultrasorb pads - to be used **ONLY** for severe and frequent loose stools or frequent urinary incontinence. **DO NOT** use for line insertions, spills or to protect sheets. **COST: 77p per pad**



Blue procedure pads – to be used to protect linen for line insertions, or for absorbing spills. **DO NOT** use under your patients!

METHOD

- Monitored patients with MASD over 4 weeks.
- Collected incidents via incident reporting system (DATIX).
- Gathered data locally in a spreadsheet.

DATA

- 121 patients - General ICU SJUH
- 73 step down to the ward, 21 RIP, 2 discharged home.
- 2 patients are still on the unit following a 4-week monitoring period.
- 44 patients in total on General ICU LGI, data collected not as in depth.

FINDINGS AFTER 4 WEEKS

7 SEVERE MASD

3 healed to moderate
4 healed to mild

9 MILD MASD

Fully healed

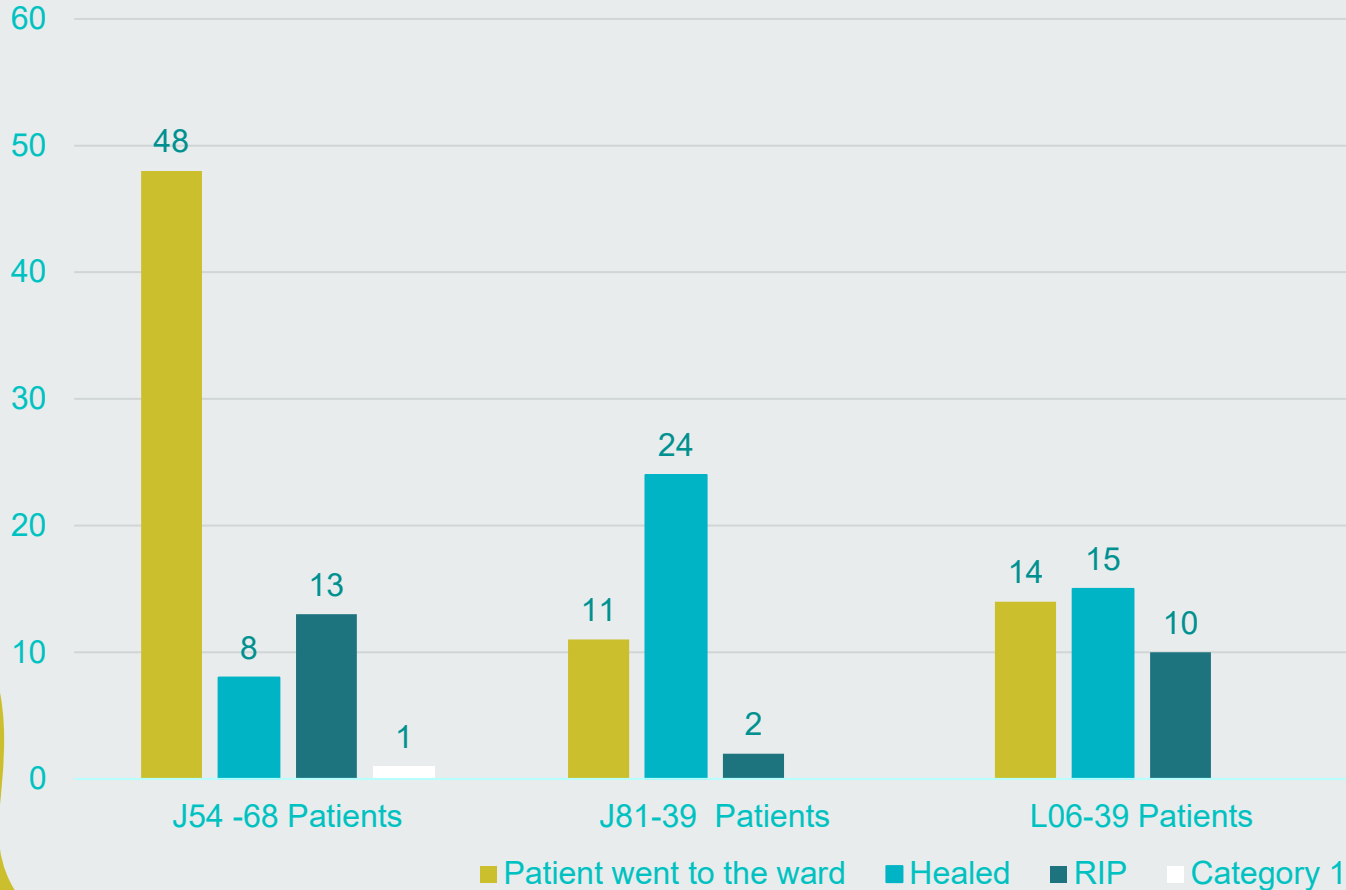
22 MODERATE MASD

14 healed to mild
6 fully healed

LGI FINDINGS

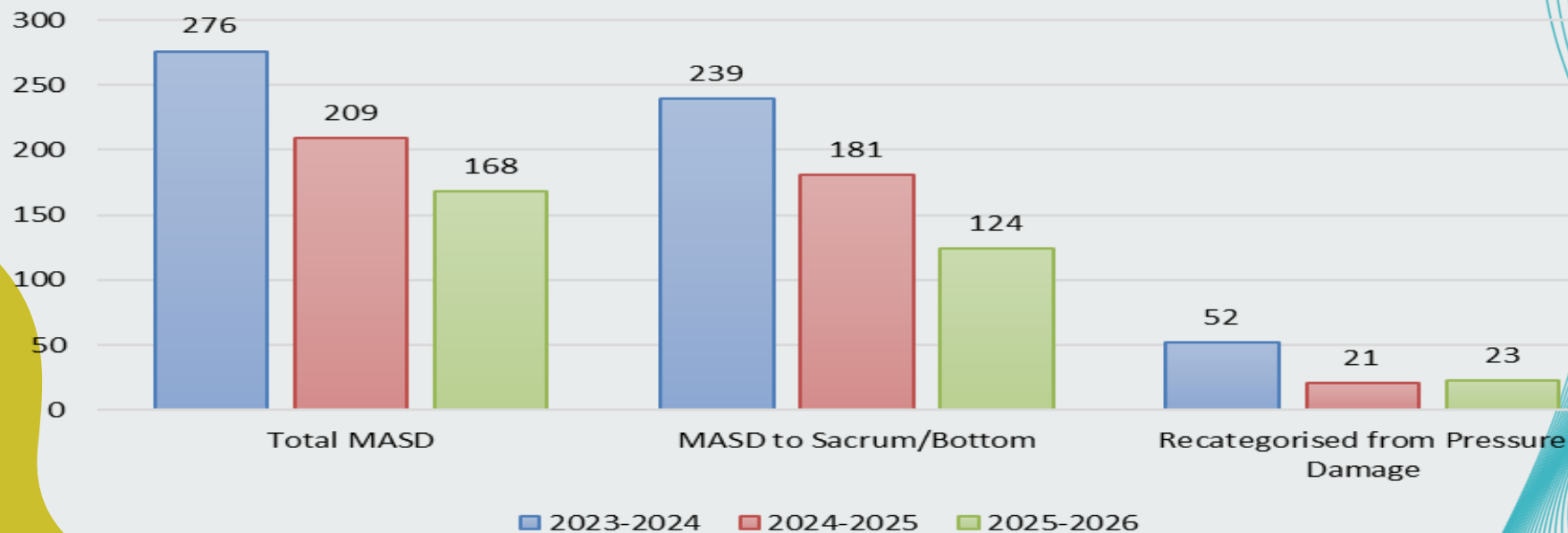
8 Mild MASD to fully healed
4 Moderate MASD healed to mild

2024 - 2025 DATA

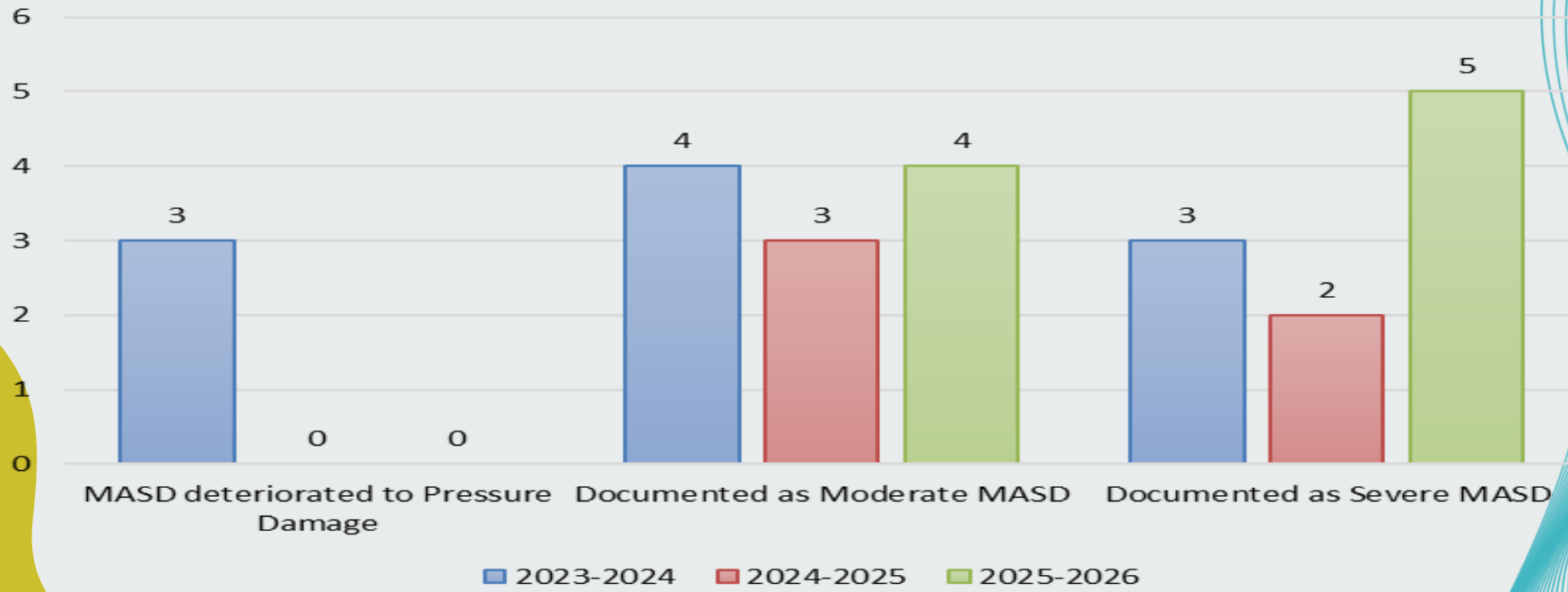


	Total MASD	MASD to Sacrum/Bottom	Recategorised from Pressure Damage
2023-2024	276	239	52
2024-2025	209	181	21
2025-2026	168	124	23

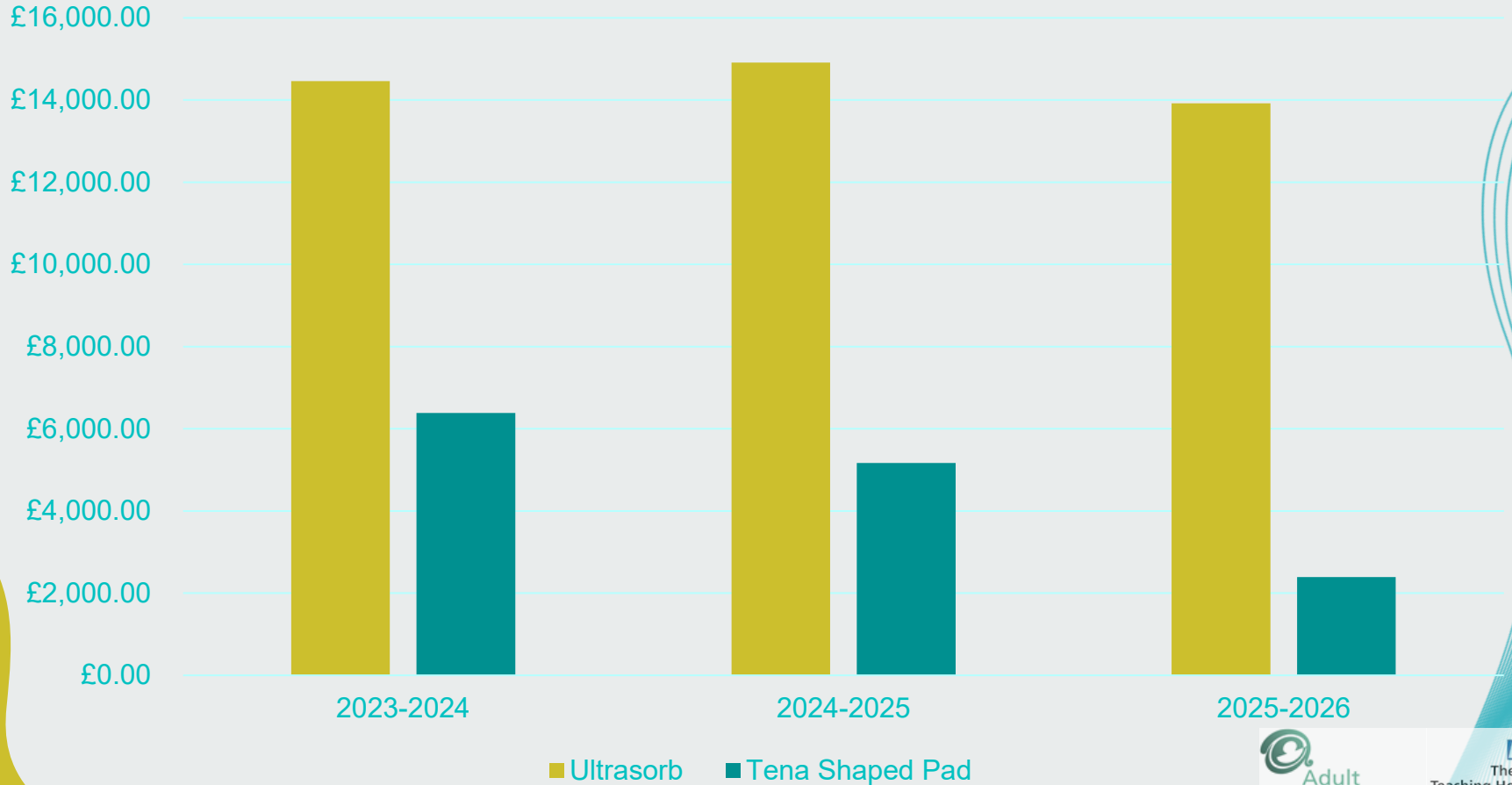
Count of MASD



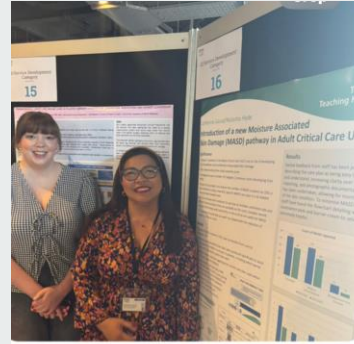
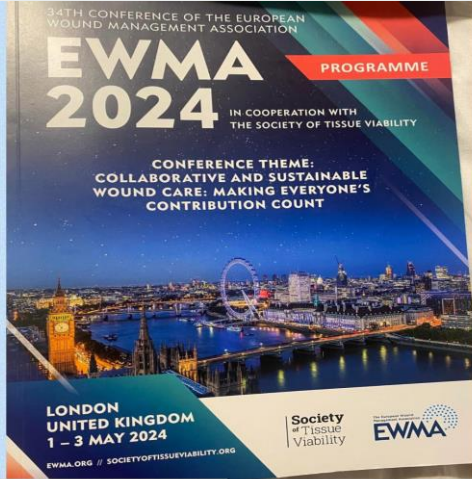
	MASD deteriorated to Pressure Damage	Documented as Moderate MASD	Documented as Severe MASD
2023-2024	3	4	3
2024-2025	0	3	2
2025-2026	0	4	5



SPENDING COMPARISON



Quality Improvement project presented at the



SoTV 2025 Annual Conference – solving skin and wound challenges together

We believe that skin health and wound healing is everyone's business and that change happens when we work together not in silos

PIC•COLLAGE

SSKIN WEEK & STAR OF THE MONTH



PIC • COLLAGE

PIC • COLLAGE

Catherine Gacad/Natasha Hyde
Introduction of a new Moisture Associated Skin Damage (MASD) pathway in Adult Critical Care Units

Significance

Critically ill patients in the Adult Critical Care (ACC) are at risk of developing skin breakdown such as Moisture Associated Skin Damage.

Often deteriorating from initial severity score

Investigations saw a number of Category 2 pressure ulcers developing from MASD.

The aim of our project is to reduce the number of MASD incidents by 20% in three months by using a new ACC specific MASD care plan in a 36 bedded unit across two hospital sites.

Staff are confused which products to use due to multiple continence aids and different barrier products that are available on the units. Complex wound care plan often being used incorrectly or not at all as not useful for MASD

It is important to prove that our work has helped with the reduction of Category 2 pressure ulcers.

Method

A review of MASD incidents in ACC over six months from June to November 2023.

A bespoke bowel and MASD flow chart were produced specifically to assist the management of MASD in critically ill patients, including which barrier products and incontinence pads to be used.

Confidential survey collected regarding the current care plan used within the CSU, with negative feedback.

Devised an MASD care plan and a help guide with QR code for staff to scan giving examples of severity scores of MASD and usage of appropriate barrier products.

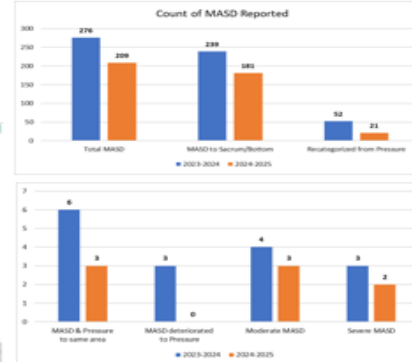
Our campaign for the Pick the Perfect Pad has been relaunched with emphasis on the costs of products

Results

Verbal feedback from staff has been positive, describing the care plan as being easy to use and understand, increasing clarity over reporting, and photographic documentation has been undertaken, allowing for monitoring of the skin condition. To minimise MASD risk, staff have found the flowchart detailing which continence pads and barrier cream to select extremely helpful.

Conclusion

There is a 24% reduction in MASD rates in 2024-2025 from 2023-2024. Due to the success, the MASD care plan has been rolled out to all the 5 units within Adult Critical Care.



PICK THE PERFECT PAD

Moisture associated skin damage (MASD) is the second most common pressure ulcer in the UK. It is caused by moisture from urine or stool on the skin for a prolonged period. This can lead to skin breakdown and infection.

Our goal is to reduce MASD incidents by 20% in three months by using a new ACC specific MASD care plan in a 36 bedded unit across two hospital sites.

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Future recommendations

Patients in ACC are high risk of developing Category 2 pressure ulcers due to MASD, therefore we are continuing to monitor and report MASD rates. Working collaboratively with the continence service to potentially implement a trust-wide MASD pathway.

This project has been presented in the European Wound Management Association conference at Excel London last year and at the Society of Tissue Viability conference last month



This is to certify that..
Cathy Gacad

Was named as a winner of the Leeds Teaching Hospitals Clinical Audit Awareness Week Poster Competition 2025

Introduction of a new Moisture Associated Skin Damage (MASD) pathway in Adult Critical Care Units

Certified by Katie Middleton Tansley,
 Clinical Effectiveness and Compliance Manager

[Signature]
 18/06/2025



Thank you!

Do you have any questions?

Email: c.gacad@nhs.net