medstrom+
Improved Patient Outcomes

NHS
Lancashire Teaching Hospitals
NHS Foundation Trust

Medstrom ECO Trial Report, Ward 2A, Royal Preston

Dates: 17th - 30th January 2024 **No. of Patients:** 20

Patient Demographic:

Clinical Conditions:
- Neurological
- Respiratory
- Integumentary
- Musculoskeletal
- Cardiovascular
- Psychological

Other Conditions: Frail skin (9), unstable on repositioning (8), pain (5), non-adherent to care (2)

Average Wash Time:

Traditional bed bath: 23.9 minutes **ECO:** 19.1 minutes **(20% faster)**

Note: The time saving is less than the typical 50% plus achieved in general med/surg wards, but this is likely a reflection of the complexity of the patients on Ward 2A.

Staff Feedback:

Medstrom ECO	Average Score*
Ease of use	4.85 / 5
Portability	4.70 / 5
How well was the patient washed	4.80 / 5

About Using Medstrom ECO	% of Staff
Was it easier to wash skin folds and other difficult to reach areas compared to a bed bath?	Yes – 100%
Did it support patient dignity?	Yes – 100%
Did you think it used less water than a bed bath?	Yes – 100%
Did it use less wipes and towels than a bed bath?	Yes – 95%
Could ECO reduce the number of staff needed to wash the patient?	**Yes – 20%

***Ward protocols and patient condition dictate the number of staff, so in most cases the number would not change.*

Patient Feedback:

About Medstrom ECO (14 patients able to provide feedback)	Patient % /
Did your wash enhance your well-being?	Yes – 100%
Was being washed with ECO an enjoyable experience?	Yes – 100%
Was the water temperature just right (not too hot or cold)?	Yes – 86%
Did you participate in your wash?	***Yes – 57%
How enjoyable was your experience? (1 = poor, to 5 = exceptional)	4.3 / 5

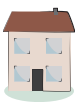
****Patients who didn't participate were not physically able to.*

"A shower in bed - this is great! And different! The water was lovely and warm. Felt a lot fresher than just a bed bath."

Patient

"This is definitely quicker and more hygienic than a bed bath. It gets the soap off better."

HCA



"I would like one of these at home! I feel like I've perked up since my wash."

Patient

"So easy to direct the spray. Very dignified."

HCA