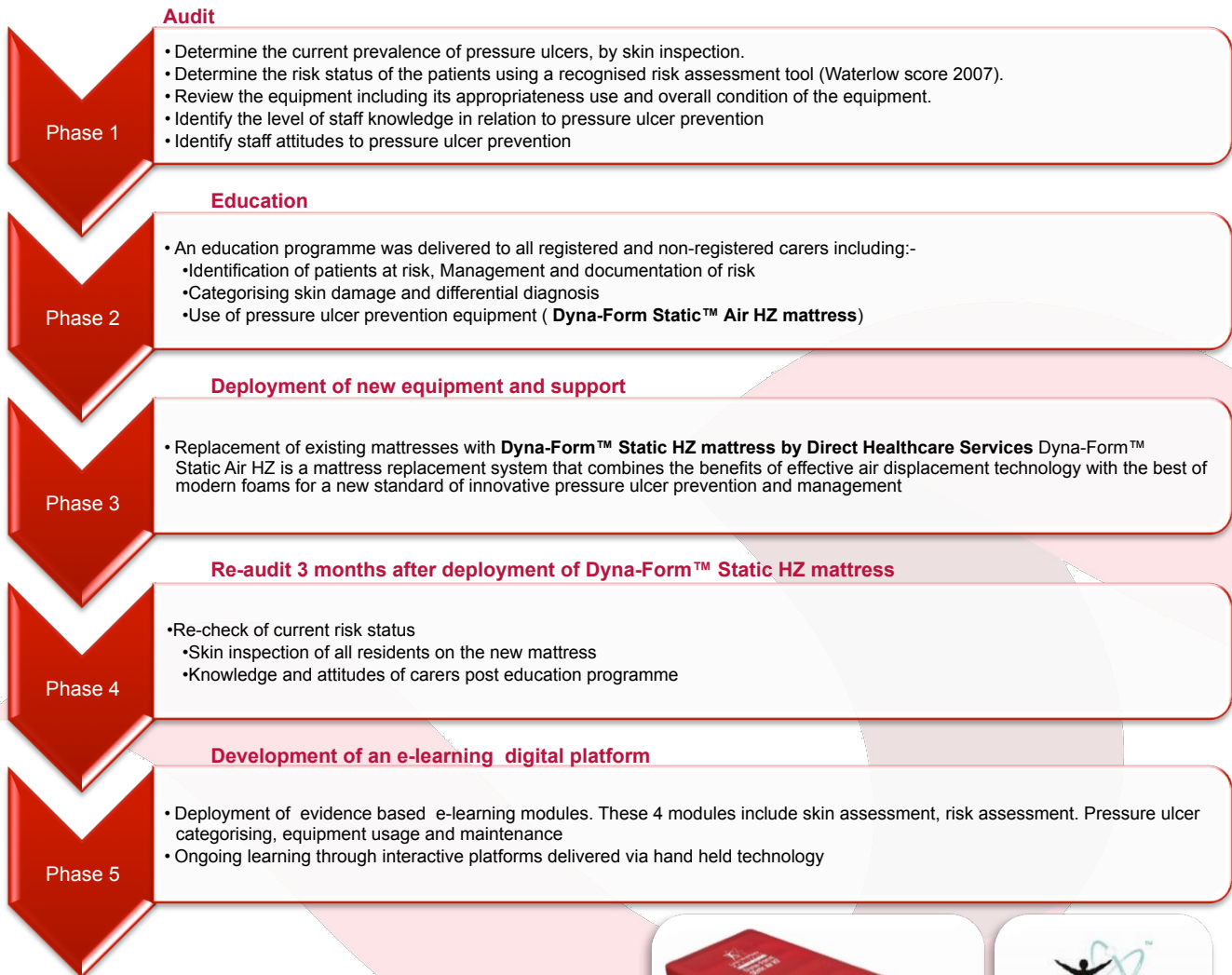


A Prudent Pressure Ulcer Prevention Approach within Care Homes through a Co-production relationship between Direct Healthcare Services and Welsh Wound Innovation Centre



Nicola Ivins RGN, Wendy Davies RGN, Sue Hagelstein RGN, Nia Jones RGN, Neal Walkley PhD, Keith Harding CBE

Aim: To establish whether a 5-phased structured approach including audit, education and deployment of a new hybrid mattress has an impact on the overall care received by residents in 4 care home settings across South Wales.



Results:

This is part of an ongoing project. One nursing home has completed the first four phases of the project. The tables below display the baseline and re-audit demographics of the residents and the results of the mattress check at the baseline audit.



	Baseline	Re-audit
Male	12	13
Female	23	21
Average age	90	89
Risk score (Waterlow)	19	18

Audit	Pass	Fail	N/A	Total
Mattresses (n=)	9	17	6	35
%	25.7	48.6	17.1	100.0

Discussion:

- Prevalence of pressure ulcers was low across all homes.
- Equipment and mattress protocols on quality checks to be reviewed by nursing homes
- Education well received at all homes
- High attendance at teaching sessions - >90% of staff attended the training
- High return of knowledge and attitude questionnaires- >90% of staff completed the questionnaires
- **No pressure damage** recorded for any patients on the **Dyna-Form Static HZ mattress** on patients upon the re-audit
- **No Dyna-Form Static HZ mattresses** failed the re-audit

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Contact Details:

+44 1443 443870, www.wwic.wales, nicky.ivins@wwic.wales