3.5 billion hours by 2030: How was it estimated?

Publication summary: Moore Z, et al. Wounds International (2022)* Wounds International published '3.5 billion hours of nurse time released by 2030: Potential efficiency gains from shared care and long-wear advanced foam dressings'. The methodology for the article's central finding is shown below. This calculation was developed using published evidence and data and verified by a global panel of nurses.

Number of nurses worldwide

Across acute and community settings, using WHO data.

2

Nurse speciality relevance Limiting to nurses who regularly manage chronic wounds.

Chronic wounds Restricting the model

to chronic wounds only, which constitute 48% of all wounds.







V Nurses' working hours Total nurses' working time, the Organisation for

Economic Co-operation and Development (OECD) average of 38.5 hours a week, accounting for full and part time work.

Nursing time spent on dressing changes

50% of community nursing time involves wound care management. Calculating community time and scaled up to embrace wound care in the clinical setting.

*Moore Z, Loney A, Probst S et al. 3.5 billion hours of nurse time released by 2030: Potential efficiency gains from shared care and long-wear advanced foam dressings. Wounds International. 2022;13(2):10-16.

Apply clinical efficiencies

Long-wear advanced foam dressings that promote undisturbed healing can reduce the time burden of dressing changes by at least 29%.



Q

Market relevance

Removing nurses in regions whose healthcare infrastructure did not align with shared care practices.

Compensate for other factors

8

Further 25% reduction to the model accounting for other factors, including current worldwide adoption rates of long-wear advanced foam dressings.

3.5 billion hours released globally by 2030

This annual saving creates an opportunity to release up to 3.5 billion hours of nursing time globally by 2030.

400 million hours liberated per annum A conservative estimate of

25•

nursing time potentially liberated by applying long-wear advanced foam dressings as part of a systematic shared care pathway.

Advanced Wound Management, Smith & Nephew Medical Ltd, Croxley Park Building 5, Lakeside, Hatters Lane, Watford, Hertfordshire WD18 8YE – UK T +44 (0) 1923 477100 F +44 (0) 1923 477101

♦Trademark of Smith+Nephew All Trademarks acknowledged © December 2022 Smith+Nephew AWM-AWC-36055b









