



# Clinical Evaluation

## Argyll II™ - Dynamic Replacement Mattress

*Commissioned by: Herida Healthcare Ltd. Company Registered in England and Wales. No 09918019.  
Registered address: Unit 2 Bruntcliffe Avenue, Morley, Leeds, England, LS27 0LL*

### Author:

**Maria A Hughes**

Queens Nurse Recognised, Tissue Viability Lead Specialist Nurse

Independent Tissue Viability Consultancy Services

RGN, Cert P.P, Dip P.P, Cert Ed, Dip Derm, BA (HONS) PCET, V300 Independent Prescriber, CUBS Expert Witness (Civil Law)

CQC Specialist Advisor, PG Cert HCL

### INTRODUCTION

The NHS spends an estimated £1.4 billion– £2.1 billion every year treating what is largely avoidable harm from pressure ulcers caused to patients. (Dealey et al, 2012) the cost of treating individuals with more severe cases can range from £11,000 to £40,000. The cost of interventions to prevent pressure ulcers is infinite (Benbow, 2012).

Pressure ulcers remain a common problem and affect the quality of life of many patients. The majority of pressure ulcers are avoidable and successful prevention will depend on removing or modifying the cause. Pressure ulcers occur in any care setting affecting any age group.

This case study is from a local nursing home with a frail lady with multiple co-morbidities nursed on the Herida Healthcare Argyll dynamic mattress.

### MEDICAL HISTORY

- Cerebral Vascular Accident
- Rheumatoid arthritis
- Parkinson's disease
- Renal impairment
- Immobility
- Double incontinence

Multiple medications as expected but even more compromised by \*Methatrexate . \*Please note that this drug has been historically contributory to patients ability to wound heal effectively (compromises).

Developed a grade 4 (EPUAP) pressure ulcer to the sacrum in July 2016, nursed on an air mattress supplied by the nursing home which the patient found uncomfortable and was tending to "dip" into the cells. Full holistic assessment including a comprehensive wound assessment completed.

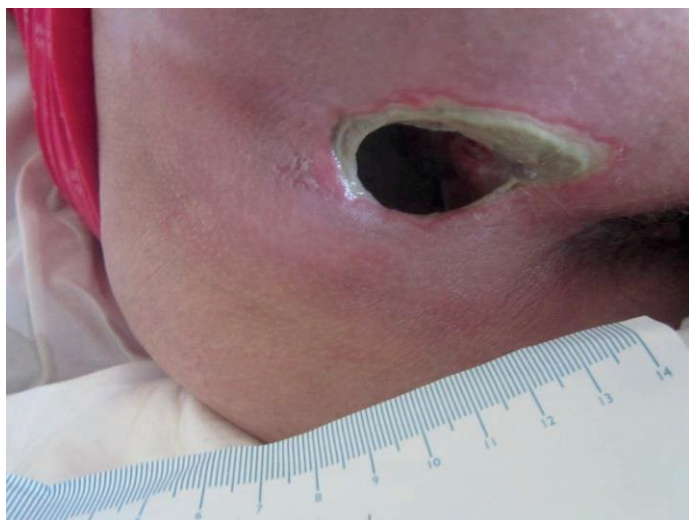
Nutritional needs addressed with dietician involvement long with suitable continence aids and repositioning 2-3 hourly.

Healing was expected to be very slow due to overall condition, co-morbidities and medication.

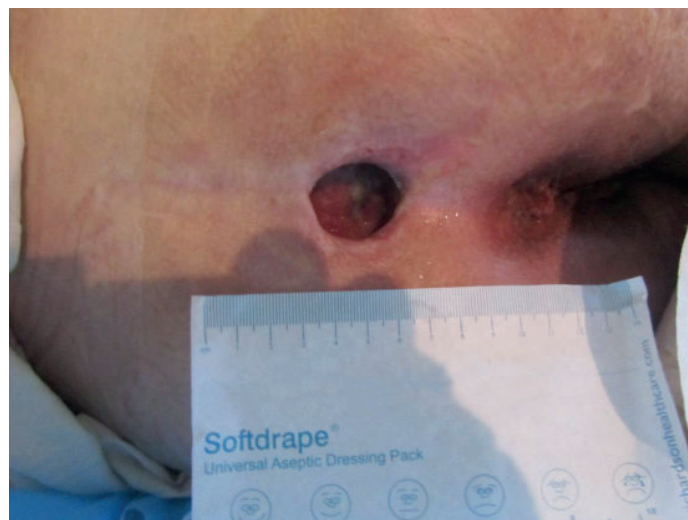
Nursed on the Argyll replacement mattress from Herida Healthcare.



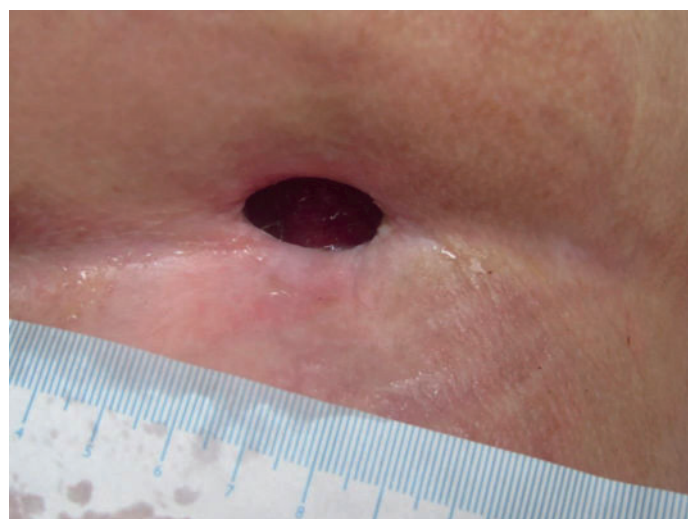
## FIRST VISIT



## SECOND VISIT



## THIRD VISIT



Vast improvement in the pressure ulcer, halved in size.

Patient reports that the mattress is comfortable and staff report ease of use and easy to clean. Pump is reported by the patient as being quiet.

Benbow M (2012) *Management of Pressure Ulcers Nursing in Practice*.  
Available at: <http://www.nursinginpractice.com/article/management-pressure-ulcers>

[Assessed 06/03/17]

Dealey C, Posnet J, Walker A (2012) *The cost of pressure ulcers in the United Kingdom*.  
*Journal of Wound Care* 21(6): 261–6