

71 yr. female.  
Anxious patient.  
Foot ulceration.

Biofilm reduction.  
Reduction in pain and  
biofilm upon  
commencing HRWD®.

Patient recorded in diary  
impact of dressing regime  
and how this improved her  
quality of life.

Dressing changes  
became tolerable.

# The Impact of Hydro-Responsive Wound Dressings on Complex Arterial Ulceration

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## Introduction

The patient a 71 year old lady has Factor V Leiden Heterozygote Activated Protein C resistance. A hereditary condition affecting the arteries in the lower legs. This can result in ulceration, potential amputation and loss of life. The patient developed an ulcer on her foot in 2012 that despite all intensive intervention failed to heal. She was sensitive to many products and her skin condition deteriorated. Topical negative pressure was used and maintained the condition of the ulcer but it was not improving. The wound was covered in a thick biofilm and failed to respond to treatment.

## Method

The aims of management were to reduce the biofilm and slough and stimulate healing. Pain management was also a consideration for this anxious patient. Due to her allergies a patch test was undertaken. Hydro-Responsive Wound Dressings (HRWD®) were then commenced and secured with bandages. These dressings were continued for two months.

## Results

The wound was successfully debrided, the biofilm reduced. The wound surface area percentage of granulation tissue increased. The patient kept a diary of her experience, where she commented and documented upon the significant reduction in her levels of pain she stated:-

*"But by far the biggest benefit has been the lessening of pain. The freedom for much of the time from awful pain has been wonderful. I still take gabapentin on a regular basis to help with neuropathic pain, which is still troubling me at times but for the most part I no longer have a pain in my foot, only a hurt and without pain you can function."*

She also found the dressing changes were much more tolerable *"The wound dressing changes are so much easier and less time consuming and less messy especially compared to previous dressing changes."*



26.10.16



05.01.17

## Conclusion

This poster highlights the impact of HRWD® on a very complex arterial ulcer resulting in improvements in the patient's pain, wound bed and quality of life.

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