

Our extensive range of garments include:

Long Sleeved Round Top	Single Arm Top	Crotchless Leggings	Single Leg Shorts	Half 5 Digit Gloves
Short Sleeved Round Top	Long Sleeved Wrap Top	Lower Leg Tube	Skull Cap	2 Digit Gloves
Long Sleeved High Top	Short Sleeved Wrap Top	Upper Leg Tube	Arm Tube	No Digit Mitten
Short Sleeved High Top	Sleeveless Wrap Top	Single Leg Leggings	Clava	Waist Tube
	Leggings	Shorts	Socks	
		Crotchless Shorts	Full 5 Digit Gloves	

Developed in conjunction with Medical experts for sufferers of:

Epidermolysis Bullosa

For areas where dressings need to be held in place



Also available from Skinnies: Skinnies Silk Garments, Skinnies Viscose Garments, Skinnies Laundry products, Dermasock, Temperature regulating bedding, for use with eczema, EB and psoriasis.



Tel: 01562 546 123

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www.skinniesuk.co.uk

Skinnies are manufactured in the UK



- 100% Seamless
- Remarkable stretch
- Allows amazing freedom of movement
- Acts as second skin
- Moisture wicking
- Stain resistant
- Ideally suited for burns and any dressing retention requirement

Guardian University Awards Ideas Bank

Outstanding research impact winner

It is well known that patients with Epidermolysis Bullosa suffer significant dressing retention problems.

Professor Patricia Grocott, Reader in Palliative Wound Care: King's College London

"Patients suffering with more extreme forms of Epidermolysis Bullosa face a daily routine of applying creams, a patchwork of different dressings and then pre-sized tubular bandages to hold their dressings in place. It can take hours and the lack of breathability in the bandages means they can actually do more harm than good, as soggy dressings are an ideal breeding ground for bacteria. And on top of that, patients spend thousands, if not tens of thousands of pounds on these bandages".

Multilayer dressings and bandages can cause increased heat leading to; increased moisture, wound infection, increased patient discomfort and increased itching, which in turn can lead to further skin damage and pain.

In response to this problem a project was undertaken called **WEB: (Woundcare for Epidermolysis Bullosa, King's College London)** to examine and test the efficacy of a new form of "dressing retention garment". Results of the trial have led to the development of SkinniesWeb dressing retention garments that address the issues of improving dressing retention whilst reducing costs to the NHS.

Clinical papers are available on request.

SkinniesWeb Retention Dressing Garments are the culmination of 3 years research and development and resulted in the following outcomes.

Improved dressing retention meant there was reduced or no slippage of wound dressings:

- Reduced healing times
- Reduced pain and discomfort

Simple application led to reduced carer intervention:

- Quicker dressing times
- Reduced labour cost (clinical and carer support)
- Optimal dressing placement meant no skin damage on application or removal.

Improved dressing efficacy led to:

- Reduced blistering and skin damage
- Reduced limb contractures

Costs reduced:

- Garments are washable -between 40-60 washes
- Re-usable up to 6 months
- Increased wear time and therapeutic effect of very expensive dressings e.g. Mepitel/Mepilex
- Reduced dressing preparation and change time



SKINNIESweb

DRESSING RETENTION



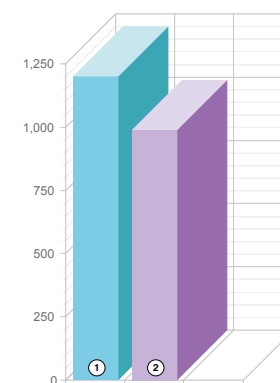
- 1) Standard elasticated bandage retention after 8 hours wear. Note slippage in the dressing due to movement of the elasticated bandages.
- 2) Wrap around top, dressings stay in place with arms raised. SkinniesWeb garment after 8 hours wear. The integrity and position of the dressing in this case has been maintained.
- 3) Single legging, dressings stay in place when walking.

Use of the new SkinniesWeb garments are highly cost effective, reducing current costs of both materials and labour. The following charts illustrate the savings highlighted in the SkinniesWeb Garment trial – Woundcare for Epidermolysis Bullosa, King's College London.

On average SkinniesWeb garments save £680 pounds per EB patient per month. These significant savings are illustrated in the charts below.

Being reusable the SkinniesWeb garments on the trial were used on average 51 times. Outside of the trial the number of washes reported anecdotally has been far greater than this (89 times in one case) further increasing the cost benefits.

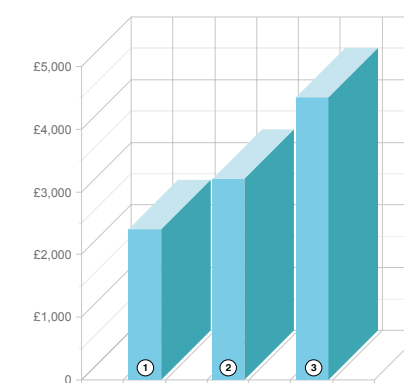
Dressing time saved over 15 Patient trial over 1 month



- ① Pre garment-trial dressing time hours/month
- ② Post garment-trial dressing time/hours

Using conventional dressing retention bandages the average time taken to apply dressings to each patient was just over 80 hours per month. This was reduced to 66 hours per month using the WEB retention garment. **This was an average saving of 17 hours per patient per month in wound dressing**

Total monthly saving by clinical support type



- ① Health Care Assistant - Band 3 week days **Saving £2,375**
- ② Health Care Assistant - Band 3 week days **Saving £3,156**
- ③ District Nurse - Band 7 week days **Saving £4,550**

Across the 15 trial patients the savings seen during the one month trial are highlighted above.

Dressing costs saved over 15 Patient Trial over 1 month



- ① Pre garment cost of dressing product **£84,676**
- ② Post garment cost of dressing product **£77,623**
- ③ Dressing costs saved **£7,053**

Across the 15 trial patients the savings seen during the one month trial are highlighted above.