CLINOGEN INNOVATION IN WOUND HEALING





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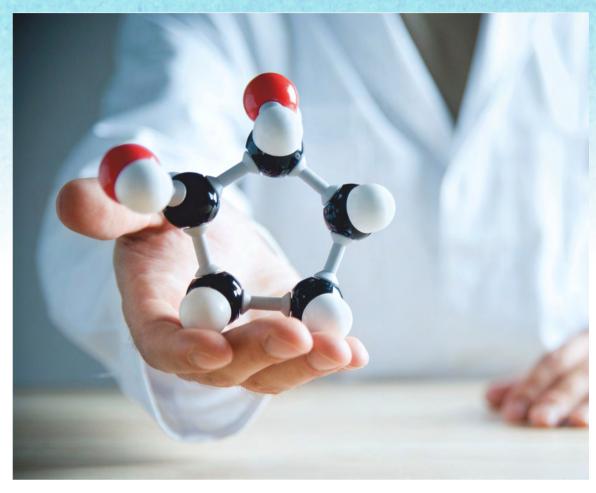
Clinogen Laboratories was established in 1979 by medical scientist Sujata Jolly; with thirty years of experience in the health and skincare industry, Sujata has been at the cutting-edge of research and development within this field. The company is responsible for a number of breakthroughs, both in medical and aesthetic fields, including: the use oxygen for treating various skin problems, harnessing sound energy for hair removal, and the creation of the dry wound healing concept using a spray-on dressing.

Some key innovations include the launch of Oxypeel in 1982 – an oxygen therapy to treat skin problems. Sujata's work resulted in the arrival micropigmentation to the UK, whilst in 1996 she oversaw saw the launch of Epil-Pro – a non-invasive hair removal system using sound technology. 2001 saw the launch of Sujata's Youki 'The Wound Healer' - a product which has been dubbed revolutionary advanced wound healing system. Youki is set to dramatically reduce healing time whilst also delivering significant cost savings. In innovating the Youki product Sujata initially looked at the cons of traditional wound healing techniques popularly applied in hospitals. Her research lead to Sujata choosing to champion 'dry wound healing' in order to improve outcomes and lead to more efficient outcomes, putting patients in control of their wound management.

The team at Medical LiveWire were thoroughly impressed with the innovation used to create Youki. The product is a two part professional wound healing system that uses scaffolding technology to speed up the healing process of acute and chronic wounds, such as leg ulcers, pressure sores and diabetic foot. The product addresses the key principles of wound healing, and in doing so, is able to significantly reduce patient down time. Youki is a Medical Device and has been granted a CE mark.

Youki works by utilising oxygen, which is essential to any type of wound healing. The product forms a permeable membrane that allows the wound to breathe, and supports the body's natural humidity. The product further allows excess exudate to flow away from the wound site. It forms its own dressing over the wound bed which builds up upon repeated application, leaving the area undisturbed. It is specially formulated so that it does not cause an inflammatory response or iatrogenic reaction often associated with certain wound dressings. Youki is a two-part system which address both the open wound as well as ensuring that once healed, the skins' resilience is restored and scarring in minimised.

Youki Bio-Cell Spray for use on open wounds. The spray creates an environment for accelerated wound healing. The spray assists healing by providing a protective layer and scaffold that shields during the epithelialisation and granulation phases.



Youki Skin Repair Cream is a formulated to help to condition and soothe fragile and damaged skin of the peri-wound area. It helps accelerates the granulation and remodelling phases which helps minimise scarring. The cream nourishes and hydrates the skin, reduces the appearance of post-inflammatory pigmentation (PIH) and minimises keloid scars. The panel of judges from the Medical LiveWire team admired the creativity evident through Clinogen's list of products, and admired the endeavours of Sujata in spearheading the Youki brand. The judges wanted to commend the philosophy that is behind each innovative product - unlike many other companies, which convolute their products and the methods used to create them, Clinogen's philosophy when formulating and developing products is to make the protocols simple to follow.

'Over-engineering' is something Sujata aims to avoid, instead choosing to place a greater emphasis on assuring their efficacy and simplicity to clients and potential practitioners. The team at Medical LiveWire further com-

mended founder Sujata Jolly's international presence and respect amongst the medical community during her many years of practise. In addition to being the driving force behind a range of innovative and potentially life changing medical innovations, Sujata has shared her vast knowledge of expertise on skin disorders, lecturing many future dermatologists and health professionals at conferences. Her work in pioneering 'dry wound healing' has seen her author a chapter in 'Advanced Wound Repair Therapies', which was first published by Woodhead Publishing in 2011.

Her presence as a leader in her field is ubiquitously understood across the media, and the panel of judges admired her television work for leading broadcast media channels such as the BBC, CNN and ITV. Sujata deserves further praise from Medical LiveWire after having worked closely with trading standards experts, with the panel of judges being thoroughly impressed with her part in banning the harmful substance hydroquinone in the European Union after her extensive research which spanned two decades.