

# A New Era in Wound Healing and Skin Regeneration

Spincare - Synthetic temporary skin substitute.  
Real time in situ printing of an electrospun  
nanofibrous matrix.

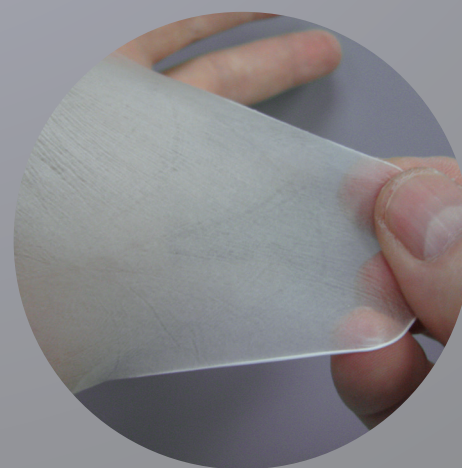
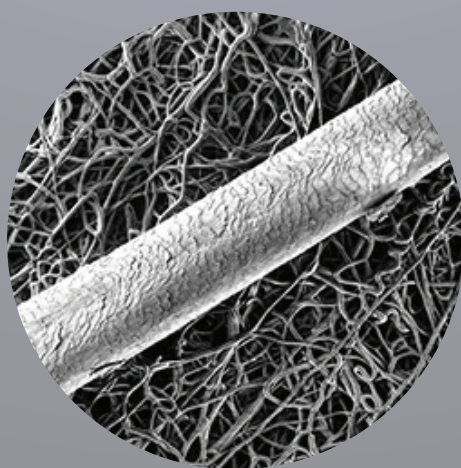
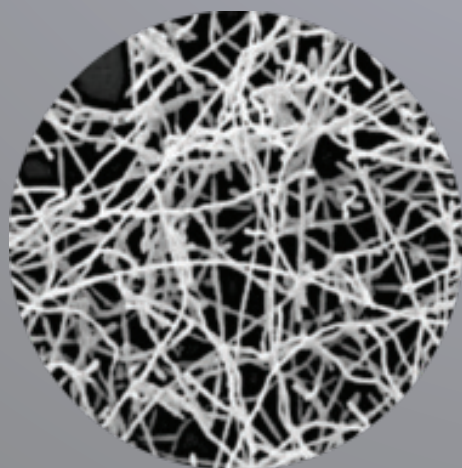


Electrospinning technology uses electrostatic forces to create a matrix of nano fibers, forming a multi-layer porous skin like matrix.

Hemostasis	Induces hemostasis due to nano-fibrous structure and highly effective surface area
Semi-permeability	Facilitates cell respiration, oxygen permeation and moisture level due to its porous structure
Conformability	Conforms to all wound and body contours, providing better coverage and easy handling of wound dressing
Bacterial protection	Nano-fibrous, multi-layers and interconnected nano-porosity protect against microbial penetration
Scar-free	Nano-fibrous structure provides good cell conductivity, facilitating wound healing and skin regeneration

## Our Solution: EHF™ Technology

Real time printing of a nanofibrous matrix, directly on the wound, that bio-mimics the structure of the human extracellular matrix using electrospinning technology.



- Excellent medium for tissue regeneration
- Reduces the potential risk for infection
- Enhances the healing process
- Excellent adherence to the wound
- Highly permeable and breathable
- Drug delivery and slow-release platform
- Wound types – superficial to partial thickness clean wounds

# Making 'hard, easy'

- Easy and quick to use
- Especially efficient in hard-to-dress areas
- Perfect adherence to the wound, immediately covers all open tissue
- Transparent, allows constant visual inspection
- No preplanning needed
- Personalized, no patching, no trimming, no fixation required



Day 0 - Pre-application



Day 1



Day 7



Day 14



## Allowing patients to live while they heal

Significantly improving patients' quality of life

- No bulky dressings that limit movement
- Ability to shower
- No contact application, with reduced pain and infection risk
- No frequent dressing changes
- Reduced infection and complication rate
- Permeable and breathable - exudate can pass through the dressing
- Reduced workload for normally overworked staff



Pre-application



Post-application



Day 14

## Providing skin-like elasticity to allow mobility

- Faster return to active life with free mobility
- No restriction of mobility
- Allows for earlier physiotherapy
- Adheres perfect to all wound shapes and morphologies





Article code	Article name	Quantity per box
Spincare01	Spincare	1
SLK101	Spincare Kit	25

## About Nanomedic

Nanomedic Technologies Ltd. is an Israeli bio-medical high- technology company specializing in the development and marketing of its Spincare portable technology; a patented platform technology with wide market applications both within and outside the hospital environments. Nanomedic is focused on the development of next generation wound care solutions and technologies for the benefit of patients, medical staff and the healthcare system.

## Contact

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