

It's Time to Tune Up the New Trends in Wound Repair

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Skin wellbeing is influenced by different internal and external factors. These factors also impact on wound healing. Therefore, to support the health of skin and the healing of wounds, clinicians need to appreciate, identify and understand the complex nature of skin. The new research paper presents the anatomy and normal functions of skin and underlying structures and provides the reader with an outline of the normal healing phases of wounded skin.

When skin is damaged or wounded it attempts to regenerate itself so it can continue to protect the larger organism. Research on acute wounds in animal models gives evidence regarding four different phases of healing process:

1. Hemostasis
2. Inflammation
3. Proliferation
4. Remodeling

Being health-care professionals, knowledge of the anatomy of skin and the healing process is essential to prevent, assess, treat and manage acute and chronic wounds effectively. Especially diabetic wounds and burn wounds need new exploration to form a foundation for best practice in wound management.

Being an anatomist we have to work on morphological and microscopic parameters of skin to elaborate the therapeutic effects of different healing agents and furthermore need to do comparative studies.

I had an experience of multiple studies regarding management of wound restoration. Probiotics had potent and strong healing effects in wound therapy as far as I compared topical probiotics with other conventional therapeutic agents like antibiotics, steroids, zinc oxide or even with laser therapy. Probiotics showed remarkable anti-inflammatory effects and early process of neovascularization and re-epithelization. Probiotics contains different species of gram positive anaerobes that can change the biochemical composition of superficial layer of skin and enhance its physiological function.

Probiotics can be obtained from different sources like dairy products; they are present in normal flora of the body or so many economical sources, so its availability is convenient for doing such studies. Furthermore, we need to study on different probiotics and find new evidences for the treatment of wound. Now days diabetic wounds are most common issue in the world, so I give recommendation as my research work are related to management of wound for the improvement of community where do we live. Plan your research for the proper management of diabetic wound. Phenytoin is an antiepileptic drug that also revealed extraordinary results in healing process, this might be provides you a new approach for doing studies.

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