

3<sup>rd</sup> International Conference on

# WOUND CARE, TISSUE REPAIR & REGENERATIVE MEDICINE

September 11-12, 2017 | Dallas, USA



## Sandeep Shrivastava

*Datta Meghe Institute of Medical Sciences (DU), India*

### TRANSLATING WOUND MANAGEMENT

**Statement of the Problem:** An open injury is associated with loss of skin, exposure of underlying tendons, bones; leading to necrosis and infection. From local applications, antibiotics to medical devices, many intense treatments are in vogue. It takes huge resources in terms of experts, health care setting and finances to deal. The wound management is a huge challenge. World over billions of US dollars are spent annually on this. It is expected that the recent development of “biologics led therapy” should translate the wound management. In recent times especially after 2009, Platelet Rich Plasma (PRP), is been clinically used as an important therapeutic biologic product. The purpose of this paper is to evaluate the results pertaining to open wounds treated with PRP including wounds associated with fractures, infections, necrosis and non-healing. An analysis of 125 different wounds is done.

**Methodology & Theoretical Orientation:** At our center a Biotechnological intervention with PRP is under way. A clinical protocol “STARS therapy” (Sandeep’s Technique for Assisted Regeneration of Skin) has been developed for wound management. It is a “PRP mono-therapy” and does not need any drugs, dressing or surgeries. It’s based on tissue reengineering of wounds and assisted growth of skin by serial PRP infiltrations.

**Findings:** A complete cure of wound has been established using regenerative medicine product in a standardized manner, including control of infection, tissue regeneration and skin coverage. The therapy is developed with intentions to keep it very simple, so that every doctor / nursing personnel can easily impart it. Perhaps for the first time in the clinical care a simple regenerative medicine therapy protocol is developed towards wide applicability, safety, feasibility, easy accessibility and cost effectively.

**Conclusion & Significance:** This study concludes that this translational clinical research has immense potential for future wound care management in terms of taking out many complexities of current intense wound management.

### Biography

Sandeep Shrivastava is from Datta Meghe Institute of Medical Sciences, Wardha, India born in 1968, he took over as DEAN at the age of 42 years. He did his graduation and post-graduation from G. R Medical College, Gwalior, India. He is an Orthopedic Surgeon, with expertise in Limb deformity correction and reconstruction. He have published 2 books, 55 papers, 62 International papers and 6 copyrights /patents on ranging interests from Education to Bio- Informatics. His innovations include a Safety App-Pre-Yell; a research tool - H\_COIN; a learning methodology- “Self Assertive Learning”, and an education quality management program-“Academic Appraisal Program”. He is developer for “STARS therapy” for wound healing. He has travelled extensively through all the continents and delivered talk on various aspects of this research project .This is an attempt to find an ideal solution for millions who continue to suffer from complex wounds.

[drsandeepshrivastava@hotmail.com](mailto:drsandeepshrivastava@hotmail.com)

### Notes: