

International conference on

WOUND CARE, TISSUE REPAIR AND REGENERATIVE MEDICINE

October 29-30, 2018 | Amsterdam, Netherlands



Sandeep Shrivastava

Datta Meghe Institute of Medical Sciences, India

Translating the wound care with regenerative solution

In day to day practice, the wounds particularly complex ones like - infected and necrotising; with exposed tendons, bones, implants; chronic & non-healing ulcers- pressure sore present a substantial clinical challenge. They need intense management with multiple surgical intervention, antimicrobial /antibiotics, analgesics, and local care; requiring huge resources, skilled manpower and experts. Despite best of care the results are unpredictable and may be associated with severe morbidity, at times. This study is undertaken to develop a comprehensive solution based on regenerative medicine for such enormous health problem. The Intervention - "STARS therapy (Sandeep's technique for assisted regeneration of skin)" with Autologous platelet rich plasma (PRP), has been developed and clinically piloted on 268 wounds. It is based on the local infiltration of freshly prepared autoogous PRP. It is the mainstay and mono therapy for the wound management. The results reveal a complete healing with control of infection, filling up of defects and assisted regeneration of skin. For the first time, reversal and revival of grossly necrosed and devitalised tissues such as tendons, muscles and bones has been clinically achieved. The history of wound management over 4000 years have been till now have been consisting of mostly local applications & dressings, drugs and devices such as negative suction etc. With development of regenerative medicine, we are looking

into an exciting option and possibilities. The PRP is one of the simplest regenerative medicine products having huge possibility of reproducibility amongst all health settings across the globe. A comprehensive effective mono-therapy solution based on the PRP only, will have a huge impact in improving wound care across the globe. This "STARS therapy" is a simple safe and effective, such solution and a complete game changer benefiting hugely scores of patients suffering from such conditions and its morbidity.



Before treatment



After Treatment

Biography

Sandeep Shrivastva is the director of Centre of Autologous Platelet Biotechnological interventions , at Datta Meghe Institute of Medical Sciences , Wardha, India. He is professor of Orthopaedics having done his MS, DNB and Ph.D. He is also Chief Executive Officer, Hospitals and Ex DEAN of JNMC. In the field of Regenerative Medicine, he has pioneered the wound management with PRP, by developing the clinical protocol of "Sandeep's Technique for Assisted Regeneration of Skin (STARS Therapy)". His work is widely published and presented across the World. He has 2 books, 63 Publications and 76 presentations, including orations, Keynote addresses, guest lectures and conducts workshops on the same.

drsandeepshrivastava@hotmail.com