



34<sup>th</sup> World **Neuroscience and Neurology Conference**;  
13<sup>th</sup> International Conference on **Tissue Science and Regenerative Medicine &**  
38<sup>th</sup> Global **Psychiatry and Mental Health Conference**

## Regenerative care for complex wounds

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Wound is a huge challenge to Humankind. Loss of vascularity; presence of infection and pre-existing co-morbidity (Diabetes etc) adds to challenges. The management is a complex intense intervention including health experts, drugs, devices, dressings and multiple surgeries. It consumes huge resources worldwide. The emergence of Regenerative Medicine will lead the future managements of many such health problems. The treatments with Supernatant for complex problems is helping to build many solutions. The regeneration as a therapeutic alternative is a very powerful option, and have all potentials to be the mainstay treatment, moving ahead from concept of Surgical Reconstructions and Medicinal managements. After working for more than 1 decade, Sandeep's Technique for Assisted Regeneration of Skin (STARS) therapy have been developed towards a single holistic solution for managing these complex wounds. In our pilot study we have treated 350 wounds with STARS therapy clinical protocol. It is a mono- therapy based on autologous Platelet Rich Plasma (PRP). The growth factors with underlying fibrin network, induces powerful neo-angiogenesis. This further lead infection control, & regeneration in critically necrotizing tissues and assisting the regeneration of skin. Till date clinical regeneration of grossly dead tissue such as of bone, tendons have never been achieved with such emphasis. This possibility has been predicted through regenerative medicine products. These possibilities are being converted into clinical realities by regenerative care through the STARS therapy. The STARS therapy is evolved with the intention of developing a universal solution for wound management which is safe, predictable, accessible and can be performed by any trained health care provider. It obviates the need for surgery, removal of dead/narcotising tissue; antibiotics; painkillers or intense local dressing.

### Biography

He is Director of Centre of Regenerative Medicine, at Datta Meghe Institute of Medical Sciences, Wardha India. He is basically an Orthopaedic Surgeon and is Director - Professor of Orthopaedics. He is also Chief Executive Officer, Hospitals. and Ex DEAN of J.N. Medical College. He has score of International Presentations across 18 countries, 70 publications in reputed Journals on varied topics, 3 books, 15 copyrights & 2 Patents. He is inventor of "STARS therapy", which is a game changer therapy in wound management. He has delivered 2 National Orations. He has been invited across the globe for keynote addresses on the same including UK, USA, China, Europe and propagates it further by continuous research and further development of solution for all types of Wounds. In addition, has designed and conducts workshops on Professional Development in the field of Postgraduate Medical education, Medical administration and Health professional development. Dr. Sandeep Shrivastava continues to work and render services in different capacities, committed hugely to the cause of upliftments of health for underprivileged populace & creating platform for "equal health opportunities" for all. He has won many awards including the Prestigious "Lords of Planet 2019-20" for serving human race; Nagpur Health Care Award for his innovative Research Centre & Limb reconstruction work; and Life time achievement award for the research on Regenerative care for wounds.

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