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PLATELET RICH PLASMA FOR MANAGEMENT OF COMPLEX WOUND**Sandeep Shrivastava^a and Deepi Shrivastava^a**^aDatta Meghe Institute of Medical Sciences University, India

The complex wounds associated with infections, necrosis, exposed tendons, bones, implants; chronic & non healing present a huge challenge. They need intense management with multiple surgical intervention, antimicrobial /antibiotics, analgesics, and local care. In this clinical intervention, study a comprehensive solution based on regenerative medicine product autologous Platelet Rich Plasma (PRP) is clinically tested on 250 wounds. A protocol has been developed - STARS therapy (Sandeep's technique for assisted regeneration of skin). 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. With development of regenerative medicine, we are looking into an exciting option and possibilities. The PRP is one of the most 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. It is a feasible management intervention for every health worker and settings, requiring minimal resource and training. It paves the way for future wound management and has potential to be a complete Game Changer benefiting hugely scores of patients suffering from such conditions and its morbidity.

Biography

Sandeep Shrivastava is working as Professor of Orthopaedics. He is the CEO Hospitals at J.N. Medical School, Datta Meghe Institute of Medical Sciences University Wardha, India. Since last 7 years, he is involved in the development of the clinical applications of PRP in Wound management. He has 62 Publications and has presented his work across the globe in more than 75 Conferences and forums. He holds six copyrights on his different inventions and innovations.

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