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Autologus stem cell applications in refractory leg ulcers

Sribatsa Kumar Mahapatra

Veer Surendra Sai Institute of Medical Sciences and Education, India

Chronic non healing ulcers of lower limb due to diabetes, sickle cell disease, peripheral vascular disease, hansen's disease, burns and venous ulcers which are refractory to conventional treatment are tried with autologus bone marrow derived mesenchymal stem cell therapy. Ulcer healing was then observed with control group of similar type of ulcers where only conventional ulcer therapy was tried. The progress of ulcer healing was then observed by appearance of good quality granulation tissue, marginal epithelial migration and ulcer contraction in stem cell applied ulcers in contrast to control group.

Biography

Sribatsa Kumar Mahapatra completed his MBBS with Honours from MKCG Medical College, Berhampur, Odissa, India in 1977 then he completed his MS in General Surgery from Post Graduate Institute of Medical Education and Research, Chandigarh, India in 1982 and obtained his FRCS from Royal College of Surgeons of Edinburgh in 1994. Presently, he is working as Professor and Head of the Department of General Surgery at VIMSAR Sambalpur, Odisha with teaching, treatment and research activity. In a busy 1200 bed hospital he has published many papers on cell therapy in national and international journals.

drskm2010@gmail.com

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