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## “Role of High-Voltage Pulsed Current in Management of Bed Sore”: A Short Review of Literature

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**Introduction:** Bed sore is one of the most common inevitable complication of immobility in both acute and chronic clinical settings. Physiotherapists have been involved as an essential team member for prevention and management of bed sore. Electrotherapy modalities such as LASER, Ultrasound etc., are being used for treating the bed sore. Physiotherapist are also involved in frequently changing, advising on specific weight reliving positioning especially with neurological diseases and disorders. Different mode of application of High voltage pulsed current has also been used for tissue healing in inflammatory phase/infected & proliferation phase. This review is an attempt to put light on the use of HVPC as treatment adjunct.

**Method:** A pub-med search has been made in November 2019 a period of last ten years for available abstracts. Key term such as (High Voltage Pulsed Current, Bed Sore) with best match search information was (MeSH Terms: heart rate; pulse; pressure ulcer) has been used. No specific selection over human and other animals were made. We found 10 corroborated works.

**Conclusion:** Few studies have shown the use of high voltage pulsed galvanic currents as a treatment modality. The results were encouraging. An extensive search should be made on various data base so that further concepts & gap in the knowledge can be explored. Clinical studies should be conducted based on the findings as there is a potential of making specific treatment protocols which can abet quality of life of patient and care giver. At the same time, it can abet health care professionals & may reduce the unavoidable burden on health care system.

### Biography

Tarun Amalnerkar has completed his Masters in Physiotherapy - Neurology from India. His interest of research is Physiotherapy in Neurological disease and disorders (especially movement disorders), Sleep medicine, Humanity. He has presented scientific papers and reviews several conferences and have written for health magazines, newspaper. He is also involved in broadening knowledge of physiotherapy to the community with various organizations.