

Role, Development, and Value of Enzymatic Debridement as Integral Component in Initial Treatment of Burn Injuries Exemplified by NexoBrid

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Abstract

Despite intensive research and increased knowledge over the past decades, the handling of severe burn injuries remains complex and is mainly based on clinical experience. High demands in terms of the diagnosis and choice of therapy often confront clinicians with challenging circumstances. Thus, the treatment of burn injuries has predominantly remained under the responsibility of specialised centres. As a new approach in addition to conventional surgery, enzymatically controlled debridement has come into focus for the treatment of burn injuries over the past years. The efficacy and safety of enzymatic debridement has already been implemented by numerous reputable studies. Promising results from the literature are enhanced by feedback from various conference contributions, intradisciplinary exchanges, and international collaborations. The implementation of enzymatic debridement in initial care management was found to be capable of reforming Standards of Care in numerous burn centres by facilitating treatment determinations and reducing the number of classical surgical interventions. Nevertheless, its use is also subject to certain restrictions as usage has shown limitations concerning efficacy when applied to scalds or pre-treated wounds. Enzymatic debridement shows high efficacy in terms of tissue debridement by combining this feature with the minimisation of collateral damage and a broad field of application in burn injuries.

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Biography

Huang Wei Ling, born in Taiwan, raised and graduated in medicine in Brazil, specialist in Infectious and Parasitic Diseases, General Practice, Parenteral and Enteral Medical Nutrition. Once in charge of the Hospital Infection Control Service of the City of Franca's General Hospital, she was responsible for the control of all prescribed

antimicrobial medication and received an award for the best paper presented at the Brazilian Hospital Infection Control Congress in 1998. Since 1997, she works with the approach and treatment of all chronic diseases in a holistic way, with treatment guided through the teachings of Traditional Chinese Medicine and Hippocrates.