

Global Wound Care Congress

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Thomas E Serena

SerenaGroup™, USA

PRECLINICAL AND CLINICAL RESEARCH IN WOUND HEALING AND HYPERBARIC MEDICINE

Clinical research is an essential component of SerenaGroup's™ Center-of-Excellence model for wound and hyperbaric centers. We are one of the world's leaders in clinical research on wound care and hyperbaric medicine, having conducted over 100 clinical trials involving growth factors, gene therapy, bioengineered skin products, and novel pharmaceuticals. In 2011 SerenaGroup™ clinics conducted the research that led to the first diagnostic in wound care. The ensuing manuscript named the diagnostic procedure the Serena Technique®. In conjunction with Harvard's Wellman Institute we developed and performed the initial clinical studies on a painless, bedside epidermal skin-harvesting device that is functioning not only in hospitals in the US but in third-world clinics as well. Our emphasis on clinical research over the years has drawn a group of young clinicians and scientists to participate in our research projects in the US and internationally, who are dedicated to advancing the science of wound healing. We formed the nation's first wound healing cooperative group consisting of more than 30 centers in the US and worldwide that now conducts entire multi-national clinical trials. In 2015 SerenaGroup Innovation™ opened a laboratory at the Northeastern Ohio Medical School to conduct preclinical studies in wound healing. The research team has filed numerous patents as a result of these efforts.

Biography

Thomas E. Serena is the Founder and Medical Director of SerenaGroup™, a family of wound, hyperbaric and research companies. Serena completed his residency in Surgery at the Hershey Medical Center. To date he has opened and operates wound care centers across the United States and globally. He has been the lead or Principal investigator in over 100 clinical trials and is recognized internationally as an expert in the field of wound healing: He has more than 100 published papers and has given more than 1000 invited lectures throughout the world. He has been a member of the Board of Directors of the Wound Healing Society and served two terms on the board of the Association for the Advancement of Wound Care (AAWC) and is now the President-Elect. He has also been Vice-President of the American College of Hyperbaric Medicine and President of the American Professional Wound Care Association.

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