Case Report

Spinal Cord Stimulation Utilization to Treat the Microcirculatory Vascular Insufficiency and Ulcers Associated with Scleroderma: A Case Report and Review of the Literature

David A. Provenzano, MD,* Luke Nicholson,* Gaye Jarzabek, RN,* Evan Lutton,* David B. Catalane, MD,‡ and Eileen Mackin, RN‡

David A. Provenzano, MD*; Timothy Deer, MD†; Amy Luginbuhl Phelps, PhD‡; Zachary C. Drennen, BA*; Simon Thomson, MBBS§; Salim M. Hayek, MD, PhD¶; Samer Narouze, MD, PhD**; Maunak V. Rana, MD††; Tyler W. Watson, BA*; Asokumar Buvanendran, MD‡‡
Sonographically Guided Lumbar Spine Procedures

David A. Provenzano, MD, Samer Narouze, MD, PhD
The Interaction Between the Composition of Preinjected Fluids and Duration of Radiofrequency on Lesion Size

David A. Provenzano, MD,* Tyler W. Watson, BA,* and David L. Somers, PhD, PT†

Regional Anesthesia and Pain Medicine • Volume 40, Number 2, March-April 2015
EDITORIAL

Think Before You Inject

Understanding Electrophysiological Radiofrequency Principles and the Importance of the Local Tissue Environment

David Anthony Provenzano, MD

*Regional Anesthesia and Pain Medicine* • Volume 39, Number 4, July-August 2014