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Author: Stephan Becker, Alexander Hadjipavlou, Michael H. Heggeness

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Ablation of the Basivertebral Nerve for Treatment of Back Pain: A Clinical Study

Stephan Becker, M.D.¹, Alexander Hadjipavlou, M.D.², and Michael H. Heggeness, M.D.³

¹Institute for Musculoskeletal Analysis, Research and Therapy & Ludwig Boltzmann Institute for Experimental and Clinical Traumatology, Vienna, Austria

²University Hospital of Iraklion, Iraklion, Greece

³University of Kansas-SOM, and Dole VA Hospital, Wichita KS

Corresponding Author:
Michael H. Heggeness, M.D.
heggeness@msn.com

Background Content Lumbar axial back pain arising from degenerative disc disease continues to be a challenging clinical problem whether treated with non-surgical management, local injection, or motion segment stabilization and fusion.

Purpose To determine the efficacy of intraosseous basivertebral nerve ablation for the treatment of chronic lumbar back pain in a clinical setting.

Study Design Patients meeting predefined inclusion/exclusion criteria were enrolled in a study using RF energy to ablate the basivertebral nerve within the vertebral bodies adjacent to the diagnosed level. Patients were evaluated at 6 weeks, and 3, 6, and 12 months post-operatively.

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