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Chronic Pain, Medical Students, and Primary Care Commentary on "What Can We Learn From First-Year Medical Students’ Perception of Pain in the Primary Care Setting"
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Learning from Our Learners: Implications for Pain Management Education in Medical Schools
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Elizabeth Manias, PhD, Stephen J. Gibson, PhD and Sue Finch, PhD

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Original Research Article
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Corinne Corrigan, MN, Laurel Desnick, MD, Susan Marshall, MD, Nathalie Bentov, MD, MA, and Roger A. Rosenblatt, MD, MPH, MFM

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Edward Michna, MD, Arnold J. Weil, MD, Marc Duerden, MD, Seth Schulman, MD, Wenjin Wang, PhD, Evan Tzanis, BA, Haiying Zhang, PhD, Dahong Yu, PhD, Amy Manley, BS, and Bruce Randazzo, MD

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Andreas Gerhardt, MA, Mechthild Hartmann, MA, Bärbel Schuller-Roma, MD, Klaus Blumenstiel, MD, Christiane Bieber, MD, Wolfgang Eich, MD, PhD, and Sabine Steffen, MA

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Evaluation of the Pain Matrix Using EEG Source Localization: A Feasibility Study
Leslie S. Prichep, PhD, E. Roy John, PhD, Bryant Howard, BS, Henry Merkin, BA, and Emile M. Hiesiger, MD

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Progesterone Prevents Nerve Injury-Induced Allodynia and Spinal NMDA Receptor Upregulation in Rats
María Florencia Coronel, PhD, Florencia Labombarda, PhD, Paulina Roig, BA, Marcelo José Villar, PhD, Alejandro Federico De Nicola, PhD, and Susana Laura González, PhD

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Dalvina E. Hanu-Cernat, DM, FRCA, FFPMANZCA, FIPP, FFPMRCA, Alex N. Phipps, PhD, and Jon H. Raphael, MD
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Hong Zhao, MD, Yi Feng, MD, Ying Wang, BS, Baxian Yang, MD, and Zhimin Xing, MD

Brief Research Report
Intra- and Postoperative Very Low Dose Intravenous Ketamine Infusion Does Not Increase Pain Relief after Major Spine Surgery in Patients with Preoperative Narcotic Analgesic Intake
Kathirvel Subramaniam, MD, Vimal Akhouri, MD, Paul A. Glazer, MD, Jacob Rachlin, MD, Lisa Kunze, MD, Mary Cronin, MD, Don Desilva, MD, Christine P. Asdourian, MD, and Richard A. Steinbrook, MD

Case Report
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Stephen D. Lucas, MD, Travis Higdon, MD, and André P. Boezaart, MD, PhD

LETTERS TO THE EDITOR
Re: Comparison of the Effectiveness of Lumbar Transforaminal Epidural Injection with the Particulate and Nonparticulate Corticosteroids in Lumbar Radiating Pain
Neil Collighan, FRCA, FFPMRCA, Sanjeeva Gupta, MD, DNB, FRCA, FFPMRCA, FIPP, Jonathan Richardson, MD, FRCP FFPMRCA, FIPP, and Surinder Cheema, FRCA

Response to the Letter by Dr. Collighan
Chan Hong Park, MD, PhD

BOOK REVIEW
The Essence of Analgesia and Analgesics
Shannon Bianchi, MD, and Jane C. Ballantyne, MD, FRCA

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