

Accepted Manuscript

Pain Neurophysiology Education and Therapeutic Exercise for Patients With Chronic Low Back Pain: A Single-Blind Randomized Controlled Trial.

Bodes Pardo Gema., Msc, Lluch Girbés Enrique., PhD, Roussel Nathalie A., PhD, Gallego Izquierdo Tomás., PhD, Jiménez Penick Virginia., Msc, Pecos Martín Daniel., PhD

PII: S0003-9993(17)31343-6

DOI: [10.1016/j.apmr.2017.10.016](https://doi.org/10.1016/j.apmr.2017.10.016)

Reference: YAPMR 57068

To appear in: *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*

Received Date: 7 April 2017

Revised Date: 8 October 2017

Accepted Date: 25 October 2017

Please cite this article as: Gema. BP, Enrique. LG, Nathalie A. R, Tomás. GI, Virginia. JP, Daniel. PM, Pain Neurophysiology Education and Therapeutic Exercise for Patients With Chronic Low Back Pain: A Single-Blind Randomized Controlled Trial., *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2017), doi: 10.1016/j.apmr.2017.10.016.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Running head: pain education and exercise in low back pain

Title: Pain Neurophysiology Education and Therapeutic Exercise for Patients With Chronic Low Back Pain: A Single-Blind Randomized Controlled Trial.

Authors: Bodes Pardo, Gema. Msc^a; Lluch Girbés, Enrique. PhD^{b,c,d}; Roussel, Nathalie A. PhD^{d,e,f}; Gallego Izquierdo, Tomás. PhD^g; Jiménez Penick, Virginia. Msc^a; Pecos Martín, Daniel. PhD^g.

^aPhysiotherapist, Private Practice, Madrid, Spain.

^bDepartment of Physical Therapy, University of Valencia, Spain

^cPain in Motion Research Group.

^dDepartment of Human Physiology (Chropiver), Faculty of Physical Education & Physiotherapy, Vrije Universiteit Brussel (VUB).

^eFaculty of Medicine and Health Sciences, University of Antwerp, Wilrijk.

^fDepartment of Health Care Sciences, Division of Musculoskeletal Physiotherapy (Chropiver), Artesis University College, Antwerp.

^gProfessor, Department of Physical Therapy of Universidad de Alcalá, Spain.

Institution: Alcalá de Henares University, Physiotherapy Department.

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات