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# BIBLIOGRAFÍA CIENTÍFICA

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## INCONSISTENCIA DE LOS DIAGNÓSTICOS POR IMÁGENES

- Brinjikji, W., Luetmer, P. H., Comstock, B., Bresnahan, B. W., Chen, L. E., Deyo, R. A., Halabi, S., Turner, J. A., Avins, A. L., James, K., Wald, J. T., Kallmes, D. F., & Jarvik, J. G. (2015). Systematic literature review of imaging features of spinal degeneration in asymptomatic populations. *AJNR. American journal of neuroradiology*, 36(4), 811–816.
- Carragee E, "Persistent low back pain" N Engl J Med. 2005 May 5; 352:1891-1898
- Jensen MC, Brant-Zawadzki MN, Obuchowski N, Modic MT, Malkasian D, Ross JS. "Magnetic resonance imaging of the lumbar spine in people without back pain" N Engl J Med. 1994 Jul 14;331(2):69-73.
- Takatalo, Jani MSc\*; Karppinen, Jaro MD, PhD\*†; Niinimäki, Jaakko MD‡; Taimela, Simo MD, PhD§; Näyhä, Simo MD, PhD†; Järvelin, Marjo-Riitta MD, PhD; Kyllönen, Eero MD, PhD\*; Tervonen, Osmo MD, (2009) "Prevalence of Degenerative Imaging Findings in Lumbar Magnetic Resonance Imaging Among Young Adults" Information Spine: July 15, 2009 - Volume 34 - Issue 16 - p 1716-172

## TRATAMIENTOS INEFECTIVOS

- Anheyer, D., Haller, H., Barth, J., Lauche, R., Dobos, G., & Cramer, H. (2017). Mindfulness-Based Stress Reduction for Treating Low Back Pain: A Systematic Review and Meta-analysis. *Annals of internal medicine*, 166(11), 799–807.
- Berthelot, J. M., Darrieutort-Lafitte, C., Le Goff, B., & Maugars, Y. (2015). Strong opioids for noncancer pain due to musculoskeletal diseases: Not more effective than acetaminophen or NSAIDs. *Joint bone spine*, 82(6), 397–401.
- Chaparro, L. E., Furlan, A. D., Deshpande, A., Mailis-Gagnon, A., Atlas, S., & Turk, D. C. (2014). Opioids compared with placebo or other treatments for chronic low back pain: an update of the Cochrane Review. *Spine*, 39(7), 556–563.

- Chou, R., Baisden, J., Carragee, E. J., Resnick, D. K., Shaffer, W. O., & Loeser, J. D. (2009). Surgery for low back pain: a review of the evidence for an American Pain Society Clinical Practice Guideline. *Spine*, 34(10), 1094–1109.
- Chou, R., Hashimoto, R., Friedly, J., Fu, R., Bougatsos, C., Dana, T., Sullivan, S. D., & Jarvik, J. (2015). Epidural Corticosteroid Injections for Radiculopathy and Spinal Stenosis: A Systematic Review and Meta-analysis. *Annals of internal medicine*, 163(5), 373–381.
- Gaskin, D. J., & Richard, P. (2012). The economic costs of pain in the United States. *The journal of pain*, 13(8), 715–724.
- Khan, M., Evaniew, N., Bedi, A., Ayeni, O. R., & Bhandari, M. (2014). Arthroscopic surgery for degenerative tears of the meniscus: a systematic review and meta-analysis. *CMAJ : Canadian Medical Association journal = journal de l'Association medicale canadienne*, 186(14), 1057–1064.
- Lyden, J., & Binswanger, I. A. (2019). The United States opioid epidemic. *Seminars in perinatology*, 43(3), 123–131.

## NEUROCIENCIA EN DOLOR CRÓNICO

- Apkarian, A. V., Bushnell, M. C., Treede, R. D., & Zubieta, J. K. (2005). Human brain mechanisms of pain perception and regulation in health and disease. *European journal of pain* (London, England), 9(4), 463–484.
- Delvecchio, G., Rossetti, M. G., Caletti, E., Arighi, A., Galimberti, D., Basilico, P., Mercurio, M., Paoli, R., Cinnante, C., Triulzi, F., Altamura, A. C., Scarpini, E., & Brambilla, P. (2019). The Neuroanatomy of Somatoform Disorders: A Magnetic Resonance Imaging Study. *Psychosomatics*, 60(3), 278–288.
- Derbyshire SW et al. (2004) Cerebral activation during hypnotically induced and imagined pain. *Neuro Image*. Sep;23(1):392-401
- Drossman, D. A., Ringel, Y., Vogt, B. A., Leserman, J., Lin, W., Smith, J. K., & Whitehead, W. (2003). Alterations of brain activity associated with resolution of emotional distress and pain in a case of severe irritable bowel syndrome. *Gastroenterology*, 124, 754–761.
- Eisenberger, N. I., Lieberman, M. D., & Williams, K. D. (2003). Does rejection hurt? An FMRI study of social exclusion. *Science (New York, N.Y.)*, 302(5643), 290–292.

- Kulkarni, B., Bentley, D. E., Elliott, R., Julyan, P. J., Boger, E., Watson, A., Boyle, Y., El-Deredy, W., & Jones, A. K. (2007). Arthritic pain is processed in brain areas concerned with emotions and fear. *Arthritis and rheumatism*, 56(4), 1345–1354.
- Hashmi, J. A., Baliki, M. N., Huang, L., Baria, A. T., Torbey, S., Hermann, K. M., Schnitzer, T. J., & Apkarian, A. V. (2013). Shape shifting pain: chronification of back pain shifts brain
- Mansour, A. R., Farmer, M. A., Baliki, M. N., & Apkarian, A. V. (2014). Chronic pain: the role of learning and brain plasticity. *Restorative neurology and neuroscience*, 32(1), 129–139
- Melzack R. (2001). Pain and the neuromatrix in the brain. *Journal of dental education*, 65(12), 1378–1382.

### **ACES (EVENTOS ADVERSOS EN LA INFANCIA) Y TRAUMA**

- Asmundson, G. J., Coons, M. J., Taylor, S., & Katz, J. (2002). PTSD and the experience of pain: research and clinical implications of shared vulnerability and mutual maintenance models. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 47(10), 930–937.
- Felitti VI, Anda R. (1998) Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. The Adverse Childhood Experiences(ACE) Study. *American Journal of Preventative Medicine*, May;14(4):245-58
- Goldberg RT et al. (1999) Relationship between traumatic events in childhood and chronic pain.. *Disability and Rehabilitation*, Jan;21(1):23-30.
- Heim, C, Wagner D, et al (2006). Early Adverse Experience and Risk for Chronic Fatigue Syndrome: Results From a Population-Based Study. *Arch Gen Psychiatry*. 2006;63(11):1258-1266.
- Imbierowicz, K., & Egle, U. T. (2003). Childhood adversities in patients with fibromyalgia and somatoform pain disorder. *European journal of pain (London, England)*, 7(2), 113–119.
- Latthe, P., Mignini, L., Gray, R., Hills, R., & Khan, K. (2006). Factors predisposing women to chronic pelvic pain: systematic review. *BMJ (Clinical research ed.)*, 332(7544), 749–755.
- Meltzer-Brody, S., Leserman, J., Zolnoun, D., Steege, J., Green, E., & Teich, A. (2007). Trauma and posttraumatic stress disorder in women with chronic pelvic pain. *Obstetrics and gynecology*, 109(4), 902–908.

- Miguel-Tobal, J. J., González Ordi, H y López Ortega, E. (2000). Estrés Postraumático: hacia una integración de los aspectos psicológicos y neurobiológicos. *Ansiedad y Estrés*, 6, 255-280.
- Raphael, K. G., Janal, M. N., Nayak, S., Schwartz, J. E., & Gallagher, R. M. (2004). Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses. *Pain*, 110(1-2), 449–460.
- Sumanen, M., Rantala, A., Sillanmäki, L. H., & Mattila, K. J. (2007). Childhood adversities experienced by working-age migraine patients. *Journal of psychosomatic research*, 62(2), 139–143

## EDUCACIÓN EN DOLOR

- Aguirrezabal, I., Pérez de San Román, M., Cobos-Campos, R., Orruño, E., Goicoechea, A., Martínez de la Eranueva, R., . . . Uzquiza, E. (2019). Effectiveness of a primary care-based group educational intervention in the management of patients with migraine: A randomized controlled trial. *Primary Health Care Research & Development*, 20, E155.
- Barrenengoa-Cuadra MJ, Angón-Puras LÁ, Moscosio-Cuevas JI, González-Lama J, Fernández-Luco M, Gracia-Ballarín R. Effectiveness of pain neuroscience education in patients with fibromyalgia: Structured group intervention in Primary Care. *Aten Primaria*. 2020 Feb 4:S0212-6567(19)30463-9. Spanish.
- Explain Pain Supercharged, The clinician's manual | Moseley & Butler, Noigroup Publications, 2017
- Galan-Martin, M.A.; Montero-Cuadrado, F.; Lluch-Girbes, E.; Coca-López, M.C.; Mayo-Isicar, A.; Cuesta-Vargas, A. Pain Neuroscience Education and Physical Therapeutic Exercise for Patients with Chronic Spinal Pain in Spanish Physiotherapy Primary Care: A Pragmatic Randomized Controlled Trial. *J. Clin. Med*. 2020, 9, 1201.
- Galán-Martín, M.A., Montero-Cuadrado, F., Lluch-Girbes, E. et al. Pain neuroscience education and physical exercise for patients with chronic spinal pain in primary healthcare: a randomised trial protocol. *BMC Musculoskelet Disord* 20, 505 (2019).
- Serrat M, Almirall M, Musté M, Sanabria-Mazo JP, Feliu-Soler A, Méndez-Ulrich JL, Luciano JV, Sanz A. Effectiveness of a Multicomponent Treatment for Fibromyalgia Based on Pain Neuroscience Education, Exercise Therapy, Psychological Support, and Nature Exposure (NAT-FM): A Pragmatic Randomized Controlled Trial. *J Clin Med*. 2020 Oct 18;9(10):E3348.

- Moseley, G. L., & Butler, D. S. (2015). Fifteen Years of Explaining Pain: The Past, Present, and Future. *The journal of pain*, 16(9), 807–813.

## **KINESIOFOBIA Y CATASTROFIZACIÓN**

- Cassidy, E., Atherton, R., Robertson, N., Walsh, D. & Gillett, R. (2012). Mindfulness, functioning and catastrophizing after multidisciplinary pain management for chronic low back pain. *Pain*?153,644-650.
- Darlow B, Dowell A, Baxter GD, Mathieson F, Perry M, Dean S. (2013). The enduring impact of what clinicians say to people with low back pain. *Ann Fam Med*; 11: 527-534.
- Hasenbrig M. et al. (2014) Fear and anxiety in the transition from acute to chronic pain: there is evidence for endurance besides avoidance. *Pain Management*.
- Lin IB, O’Sullivan PB, Coffin JA, Mak DB, Toussaint S, Straker LM. (2013) Disabling chronic low back pain as an iatrogenic disorder: a qualitative study in Aboriginal Australians. *BMJ Open*.
- Meier M. et al. (2016). Neural correlates of Fear of movement in patients with chronic LBP vs pain-free individuals. *Human Neuroscience*.
- Ruscheweyh, R., Nees, F., Marzinak, M., Evers, S., Flor, H. & Knecht, S. (2011). Pain catastrophizing and Pain-related Emotions, Influence of Age and Type of pain. *Clinical J Pain*, 27, 578-586.
- Wade, J., Riddle, D., Price, D. & Dumenci, L. (2011). Role of pain catastrophizing during pain processing in a cohort of patients with chronic and severe arthritic knee pain. *Pain*, 152, 314-319.

## **TERAPIA DE REPROCESAMIENTO DEL DOLOR**

- Ashar YK, Gordon A, Schubiner H, et al. Effect of Pain Reprocessing Therapy vs Placebo and Usual Care for Patients With Chronic Back Pain: A Randomized Clinical Trial. *JAMA Psychiatry*. 2022;79(1):13–23. doi:10.1001/jamapsychiatry.2021.2669

## EAET. TERAPIA DE CONCIENCIA Y EXPRESIÓN EMOCIONAL

- Lumley, M. A., Schubiner, H., Lockhart, N. A., Kidwell, K. M., Harte, S. E., Clauw, D. J., & Williams, D. A. (2017). Emotional awareness and expression therapy, cognitive behavioral therapy, and education for fibromyalgia: a cluster-randomized controlled trial. *Pain*, *158*(12), 2354–2363
- Lumley, MA, Cohen, JL, Borszcz, GS, Cano, A., Radcliffe, AM, Porter, LS, Schubiner, H. y Keefe, FJ (2011). Dolor y emoción: una revisión biopsicosocial de investigaciones recientes. *Revista de psicología clínica*, *67* (9), 942–968.
- Yarns, B. C., Lumley, M. A., Cassidy, J. T., Steers, W. N., Osato, S., Schubiner, H., & Sultzer, D. L. (2020). Emotional Awareness and Expression Therapy Achieves Greater Pain Reduction than Cognitive Behavioral Therapy in Older Adults with Chronic Musculoskeletal Pain: A Preliminary Randomized Comparison Trial. *Pain medicine (Malden, Mass.)*, *21*(11), 2811–2822
- Burger AJ. (2016) The effects of a novel psychological attribution and emotional awareness and expression therapy for chronic musculoskeletal pain: A preliminary, uncontrolled trial. *Journal of Psychosomatic Research*. Feb;81:1-8.

## CONEXIÓN MENTE-CUERPO E INTEROCEPCIÓN

- Herbert BM, Pollatos O. The body in the mind: on the relationship between interoception and embodiment. *Top Cogn Sci*. 2012 Oct;4(4):692-704.
- Zaman, J., Vlaeyen, J. W., Van Oudenhove, L., Wiech, K., & Van Diest, I. (2015). Associative fear learning and perceptual discrimination: a perceptual pathway in the development of chronic pain. *Neuroscience and biobehavioral reviews*, *51*, 118–125.
- Frewen, P. A., & Lanius, R. A. (2014). Trauma-related altered states of consciousness: exploring the 4-D model. *Journal of trauma & dissociation : the official journal of the International Society for the Study of Dissociation (ISSD)*, *15*(4), 436–456.
- Herbert, B. M., Herbert, C., & Pollatos, O. (2011). On the relationship between interoceptive awareness and alexithymia: is interoceptive awareness related to emotional awareness?. *Journal of personality*, *79*(5), 1149–1175.
- Aaron, R. V., Fisher, E. A., de la Vega, R., Lumley, M. A., & Palermo, T. M. (2019). Alexithymia in individuals with chronic pain and its relation to pain intensity, physical interference, depression, and anxiety: a systematic review and meta-analysis. *Pain*, *160*(5), 994–1006.
- Khalsa & Lapidus (2016), *Frontiers in Psychiatry*: Can interoception improve the pragmatic search for biomarkers in psychiatry?

- Price C. 2018 Interoceptive Awareness Skills for Emotion Regulation: Theory and Approach of Mindful Awareness in Body-Oriented Therapy (MABT) Cynthia J. Price\* and Carole Hooven School of Nursing, University of Washington, Seattle, WA, United States
- Price, C. J., Thompson, E. A., Crowell, S. E., Pike, K., Cheng, S. C., Parent, S., & Hooven, C. (2019). Immediate effects of interoceptive awareness training through Mindful Awareness in Body-oriented Therapy (MABT) for women in substance use disorder treatment. *Substance abuse, 40*(1), 102–115.

### **OTRAS TERAPIAS PSICOLÓGICAS**

- Joanne Dahl, Kelly G. Wilson, Carmen Luciano, Steven C. Hayes. "Acceptance and Commitment Therapy for Chronic Pain". New Harbinger Publications, 1st Edition.
- Abbass A, Lovas D, Purdy A. (2008). Direct diagnosis and management of emotional factors in the chronic headache patients. *Cephalalgia, 28*(12):1305-1314.
- Abbass, A., et al. (2009) Short-Term psychodynamic psychotherapy for somatic disorders: Systematic review and meta-analysis of clinical trials. *Psychotherapy and Psychosomatics, 78*, 265–274.
- Abbass A, Campbell S, Magee K, Tarzwell R (2009). Intensive short-term dynamic psychotherapy to reduce rates of emergency department return visits for patients with medically unexplained symptoms: preliminary evidence from a pre-post intervention study. *Canadian Journal of Emergency Medicine, 11*(6), 529-34.
- Abbass A, Rasic D, Kisely S, Katzman J. (2013). Residency training in intensive short-term dynamic psychotherapy: methods and cost-effectiveness. *Psychiatr Ann. 43*(11):501-506.
- Abbass A, Bernier D, Kisely S, Town J, Johansson R (2015). Sustained reduction in health care costs after adjunctive treatment of graded intensive short-term dynamic psychotherapy in patients with psychotic disorders. *Psychiatry Research, 228*(3), 538-43.
- Abbass A, Town J, Holmes H et al (2020). Short-Term Psychodynamic Psychotherapy for Functional Somatic Disorders: A Meta-Analysis of Randomized Controlled Trials. *Psychotherapy and Psychosomatics*.
- Burton, C. (2003). Beyond somatisation: A review of the understanding and treatment of medically unexplained physical symptoms (MUPS). *The British Journal of General Practice, 53*, 231–239.

- Cherkin DC et al. (2016). Effect of Mindfulness-Based Stress Reduction vs Cognitive Behavioral Therapy or Usual Care on Back Pain and Functional Limitations in Adults with Chronic Low Back Pain. A Randomized Clinical Trial. *JAMA*. 315(12):1240-1249.
- Clarke, DD (2016). Diagnosis and treatment of medically unexplained symptoms and chronic functional syndromes. *Families, Systems, & Health*, 34(4), 309-316.
- Escobar, J. I., Gara, M. A., Diaz-Martinez, A. M., Interian, A., Warman, M., Allen, L. A., Rodgers, D. (2007). Effectiveness of a time-limited cognitive behavior therapy type intervention among primary care patients with medically unexplained symptoms. *Annals of Family Medicine*, 5, 328–335.

### ESCRITURA TERAPÉUTICA

- Baikie KA. (2012) Expressive writing and positive writing for participants with mood disorders: an online randomized controlled trial. *Journal of Affective Disorders* Feb;136(3):310-9.
- Gortner EM et al. (2006) Benefits of expressive writing in lowering rumination and depressive symptoms. *Behavior Therapy*, Sep;37(3):292-303. Epub 2006 May 30.
- Graham, J. E., Lobel, M., Glass, P., & Lokshina, I. (2008). Effects of written anger expression in chronic pain patients: making meaning from pain. *Journal of behavioral medicine*, 31(3), 201–212.
- Smyth JM et al. (1999) Effects of writing about stressful experiences on symptom reduction in patients with asthma or rheumatoid arthritis: a randomized trial. *JAMA* Apr 14;281(14):1304-9.
- David Schechter, MD; Arthur Preston Smith, PhD; Jennifer Beck, BS; Janinr Roach, MD; Roksana Karim, MS; Stanley Azen. PhD. (2007) Outcomes of a mind-body treatment program for chronic back pain with no distinct structural pathology. A case series of patients diagnosed and treated as tension myositis syndrome. *Alternative therapies*. Sep/oct. Vol 13. No.5

### AUTO-COMPASIÓN Y SELF-TALK

- Wendy J. Phillips & Donald W. Hine (2021) Self-compassion, physical health, and health behaviour: a meta-analysis, *Health Psychology Review*, 15:1, 113-139.
- Dunne, S., Sheffield, D., & Chilcot, J. (2018). Brief report: Self-compassion, physical health and the mediating role of health-promoting behaviours. *Journal of health psychology*, 23(7), 993–999.



- Kross E, Bruehlman-Senecal E, Park J, Burson A, Dougherty A, Shablack H, Bremner R, Moser J, Ayduk O. Self-talk as a regulatory mechanism: how you do it matters. *J Pers Soc Psychol*. 2014 Feb;106(2):304-24.
- Bruehlman-Senecal E, Ayduk O. This too shall pass: temporal distance and the regulation of emotional distress. *J Pers Soc Psychol*. 2015 Feb;108(2):356-75.
- Dutcher JM, Creswell JD, Pacilio LE, Harris PR, Klein WM, Levine JM, Bower JE, Muscatell KA, Eisenberger NI. **Self-Affirmation** Activates the Ventral Striatum: A Possible Reward-Related Mechanism for Self-Affirmation. *Psychol Sci*. 2016 Apr;27(4):455-66.