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Assessing risk of bias in clinical trials of kangaroo mother care as an intervention for procedural pain in preterm infants. Justine Dol, Britney Benoit, Talia Orr, Celeste Johnston, Rebekah Zee, Marsha Campbell-Yeo

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Knowledge translation and chronic pain in older adults: A systematic review. Amy DJ Hampton, Michelle M Gagnon, Thomas Hadjistavropoulos.

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Psychosocial mediators of the pain-depression relationship in CP/CPPS. Adrijana Krsmanovic, Dean A Tripp, Curtis Nickel, Laura Katz, Abigail Muere, Daniel Shokes, Michel Pontari, Mark S Litwin, Mary F McNaughton-Collins.

Effect of different volumes of epidural steroid injection on pain relief in patient receiving fluoroscopic guided interlaminar lumbar epidural steroid injection for low back pain. Balbir Kumar, Jeetinder Kaur Makkar, Kajal Jain, YK Batra, Saravdeep S Dhut.

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Pain-QuILT™: Comparison of a web-based method for the visual expression of pain with the McGill Pain Questionnaire and Brief Pain Inventory among adults with chronic pain. Chitra Laloo, Dinesh Kumbhare, James L Henry.

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Exploration of physician-specific relationship factors influencing management of chronic pain patients. Thi Thu Hang Le, Marc Dumas, Sylvie Lafrenaye.


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Pharmacological management of chronic neuropathic pain – revised consensus statement from the canadian pain society. DE Moulin, A Boulander, AJ Clark, H Clarke, T Dao, GA Finley, A Furlan, A Gilron, A Gordon, PK Morley-Forster, BJ Sesse, P Squire, J Stinson, P Taenzer, C Toth, A Velly, MA Ware, EL Weinberg, OD Williamson

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Impact of prodromal symptoms on future adverse cardiac events: A systematic review. Sheila O’Keefe-McCarthy, Linda Ready

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A distraction technique for pain relief in hospitalized children: A randomized controlled study. Nátali Castro Antunes Caprini Oliveira, Maria Beatriz Martins Linhares

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Infant negative facial expressions of pain following immunization procedures over the first year of life. Monica O’Neill, Sara Ahola Kohut, Rebecca Pillai Riddell, Harriet Oster

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Pain variability over time: Methodological challenges and strategies. P Gabrielle Pagé


Not all post-operative pain is alike: A pain trajectory analysis in total knee arthroplasty patients. M Gabrielle Pagé, Joel Katz, Kathryn Curtis, Samantha Fuss, Noga Cohen, E Manolo Romero Escobar, Hance Clarke

A new observation scale for assessing patient-centered care in chronic pain patients. Emilie Paul-Savoie, Sylvie Lafrenaye, Stéphane Potvin, Patricia Bourgault

Increasing physical activity and facilitating recovery in primary care settings. Neil Pearson

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Early childhood nonpharmacological pain management: A synthesis of current research and challenges. Rebecca Pillai Riddell.

Empirically supported strategies for primary care and the myth of the average infant pain response. Rebecca Pillai Riddell.

Development of child anticipatory distress to painful medical procedures: A systematic review. Nicole Racine, Rebecca Pillai Riddell, Anna Taddio, Elizabeth Uehyk.


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If I get any better, I’ll probably feel worse: The challenges of charting the progress of chronic pain outside of the research context. Saifee Rashiq.

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NGF and arthritis pain. Alfredo Ribeiro-da-Silva.

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Beyond life as a pain research trainee: navigating workforce entry and maintaining a healthy work-life balance. Whitney Scott.

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Individuals with chronic whiplash displaying widespread sensory hypersensitivity successfully respond to cervical radiofrequency neurotomy. Ashley Smith, Gwendolen Jull, Geoff Schneider, Bevan Frizell, R Allen Hooper, Michele Sterling.

Biopsychosocial influences on chronic pain following whiplash injury: What do evidence and experience teach us about modulating the symptoms of chronic whiplash? Ashley Smith.

Can the physical manifestations of WAD be modulated? Ashley Smith.


Prevalence and determinants of cannabinoid prescription for the management of chronic non-cancer pain: A postal survey of physicians. Huguette St-Amant, Mark Ware, Nancy Julien, Anaïs Lacasse.

Comparison of Canadian and Israeli rheumatologists’ understanding of cannabinoid use as a therapy for rheumatic diseases. Peter Ste-Marie, Yoram Shir, Jacob Ablin, Mary-Ann Fitzcharles.


Hush hush, sweet Charlotte: Reflections on the challenges and opportunities for decreasing pain and enhancing outcomes in infants and young children. CPS Distinguished Career Award recipient. Bonnie Stevens.


Combination pharmacotherapy for pain: General concepts, pre-clinical and clinical perspectives. Laura S Stone.

Combination pharmacotherapy for pain: General concepts. Laura S Stone.

Pain in children with neurodevelopmental disability – the promise of biomarkers. Frank Symons.

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Needle fears and public health: Consequences for pain. Anna Taddio.

Thou shalt AGREE to CPGs. Anna Taddio.

It takes a village: Changing practice at a individual and policy level. Anna Taddio.

Back pain prevalence and management in adolescent idiopathic scoliosis patients: A retrospective study. Jean Théroux, Sylvie Le May, Hubert Labelle.

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Barriers to pain and fear management in cystic fibrosis health care providers. Rachel M Tomlinson, Amanda Knoll, C Meghan McMurtry, Jean Vinette.
Pain-related behaviors among critically ill adults with and without brain injury. Jane Topolovec-Vranic, Celine Gelinas, Jennifer Innis, Yangmei Li, Amanda McFarlan, Sonya Canzian

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Biobehavioral pain responses in preterm neonates under sucrose usage for pain relief: Examining sex differences. Beatriz Oliveira Valeri, Claudia Maria Gaspardo, Aline Fregni Caetano, Francisco Eulógio Martinez, Maria Beatriz Martins Linhares


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