

JOURNAL ABSTRACTS

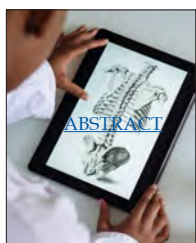
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Chiropractic Care for Adults With Pregnancy-Related Low Back, Pelvic Girdle Pain, or Combination Pain: A Systematic Review

Carol Ann Weis, Katherine Pohlman, Crystal Draper, Sophia daSilva-Oolup, Kent Stuber, Cheryl Hawk
Journal of Manipulative and Physiological Therapeutics 2020, 43 (7): 714-731

The purpose of this study was to conduct a systematic review (SR) of the literature to assess the effectiveness of chiropractic care options commonly used for pregnancy-related low back pain (LBP), pelvic girdle pain (PGP), or combination pain for both experienced practitioners and students of chiropractic.



Chiropractic Care of Adults With Postpartum-Related Low Back, Pelvic Girdle, or Combination Pain: A Systematic Review

Carol Ann Weis, Katherine Pohlman, Crystal Draper, Sophia da Silva-Oolup, Kent Stuber, Cheryl Hawk
Journal of Manipulative and Physiological Therapeutics 2020, 43 (7): 732-743

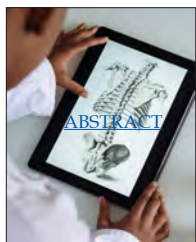
The purpose of this study was to conduct a systematic review (SR) of the literature to assess the effectiveness of specific chiropractic care options commonly used for postpartum low back pain (LBP), pelvic girdle pain (PGP), or combination (LBP and PGP) pain.



Adverse events from spinal manipulations in the pregnant and postpartum periods: a systematic review and update

Carol Ann Weis, Kent Stuber, Kent Murnaghan, Shari Wynd
Journal of the Canadian Chiropractic Association 2021, 65 (1): 32-49

The purpose of this study is to update a previous critical review of adverse events in pregnant and postpartum populations. This update found one case study that demonstrated a serious adverse event in the cervical spine following SMT and a handful of minor and transient adverse events in the low back following SMT.



Physical activity throughout pregnancy: guideline critical appraisal and implementation tool

Gaelan Connell, Carol Ann Weis, Heather Hollman, Kelsey Nissen, Leslie Verville, Carol Cancelliere
J Can Chiropr Assoc. 2021 Apr;65(1):50-58

The 2019 Canadian guideline for physical activity throughout pregnancy provides evidencebased recommendations to promote maternal, fetal, and neonatal health. We aimed to 1) critically appraise the 2019 Canadian guideline for physical activity throughout pregnancy; and 2) develop a guideline summary for clinicians to facilitate the uptake of recommendations into practice.



The Effectiveness of Non-Pharmaceutical Interventions Upon Pregnancy-Related Low Back Pain: A Systematic Review and Meta-Analysis

Ioannis Koukoulithras Sr, Alexandra Stamouli, Spyridon Kolokotsios, Minas Plexousakis Sr, Christine Mavrogiannopoulou
PMID: 33728108 PMCID: PMC7934802 [doi: 10.7759/cureus.13011](https://doi.org/10.7759/cureus.13011).

Low back pain (LBP) is a very common pathology among pregnant women and various methods are used to reduce the pain. The aim of this study is to conduct an evidence-based systematic review and meta-analysis regarding the effectiveness of the interventions used to reduce low back pain related to pregnancy.



Comparative Efficacy and Safety of Conservative Care for Pregnancy-Related Low Back Pain: A Systematic Review and Network Meta-analysis

Lingxiao Chen, Manuela L Ferreira, Paula R Beckenkamp, Eduardo L Caputo, Shiqing Feng, Paulo H Ferreira
PMID: 33210717 [doi: 10.1093/ptj/pzaa200](https://doi.org/10.1093/ptj/pzaa200).

More than one-half of pregnant women experience pregnancy-related low back pain (LBP). Pregnancy-related LBP greatly affects activities of daily life, and although many interventions have been proposed, the optimal treatment for pregnancy-related LBP remains unclear. The purpose of this study was to compare conservative care strategies on their efficacy and safety for women with pregnancy-related LBP through systematic review with pairwise meta-analysis and network meta-analysis.

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Effects of elastic tape in pregnant women with low back pain: A randomized controlled trial

Matchimamart Chamnankrom , Nuttaset Manimmanakorn , Apiwan Manimmanakorn, Kiattisak Kongwattanakul, Michael J Hamlin
J Back Musculoskelet Rehabil. 2021;34(1):111-119.

Low back pain is a common problem in pregnant woman. Elastic tape is an alternative method that may reduce low back pain. After the application of stretched elastic tape, lower back pain was significantly reduced by 29.4% ($p=0.003$) immediately post-taping and by a further 75.4% after wearing the tape for a week.



Effectiveness of kinesiотaping in pregnant women with sacroiliac joint pain: A randomised controlled study

Banu Ordahan , Jule Eriç Horasanlı
Int J Clin Pract. 2021 Sep;75(9):e14432. doi: [10.1111/ijcp.14432](https://doi.org/10.1111/ijcp.14432).

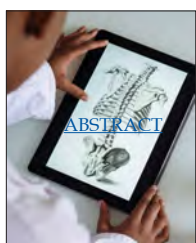
Sacroiliac joint (SIJ) dysfunction is an especially common cause of pain during pregnancy. Treatment options during pregnancy are very limited in order to reduce pain and increase the quality of life. We aimed to determine the efficacy of kinesiотaping (KT) in the treatment of SIJ pain in pregnant women. KT treatment improved the pain levels, functioning and quality of life among pregnant women with SIJ pain.



Breastfeeding Support Team: When to Add a Chiropractor

Miller, Joyce, BS, DC, PhD
Clinical Lactation Vol 11 Issue 1, doi: [10.1891/2158-0782.11.1.7](https://doi.org/10.1891/2158-0782.11.1.7).

Chiropractors are primary care clinicians with a musculoskeletal focus. As community-based practitioners, they are educated and available to treat the common problems of infancy, including sub-optimal breastfeeding. The objective of this investigation was to highlight some of the key skills and techniques used by chiropractors to assist the breastfeeding dyad.



Adverse events associated with pediatric complementary and alternative medicine in the Netherlands: a national surveillance study

Björn Vos, Jan Peter Rake, Arine Vlieger
Eur J Pediatr. 2021 Jul;180(7):2165-2171. doi: [10.1007/s00431-020-03899-8](https://doi.org/10.1007/s00431-020-03899-8). Epub 2021 Mar 1.

Pediatric use of complementary and alternative medicine (CAM) in the Netherlands is highly prevalent. The risks of pediatric CAM use are, however, largely unknown. Therefore, a 3-year survey was carried out at the Dutch Pediatric Surveillance Unit. Pediatricians were asked to register cases of adverse events associated with pediatric CAM usage.



Effectiveness of chiropractic manipulation versus sham manipulation for recurrent headaches in children aged 7–14 years - a randomised clinical trial

Susanne Lynge, Kristina Boe Dissing, Werner Vach, Henrik Wulff Christensen, Lise Hestbaek
Chiropr Man Therap. 2021 Jan 7;29(1):1. doi: [10.1186/s12998-020-00360-3](https://doi.org/10.1186/s12998-020-00360-3).

To investigate the effectiveness of chiropractic spinal manipulation versus sham manipulation in children aged 7-14 with recurrent headaches. Chiropractic spinal manipulation resulted in significantly fewer days with headaches (reduction of 0.81 vs. 0.41, $p = 0.019$, NNT = 7 for 20% improvement) and better global perceived effect (dichotomized into improved/not improved, OR = 2.8 (95% CI: 1.5-5.3), NNT = 5) compared with a sham manipulation procedure.

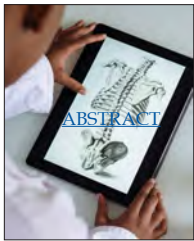


Complementary and Alternative Therapies for Infantile Colic: A Systematic Review of the Literature

Bengü Çetinkaya
Altern Ther Health Med. 2021 Mar;27(2):42-47.

Infantile colic is defined as paroxysms of uncontrollable and unexplained crying in the first three months of life. Complementary and alternative therapy methods are one of the methods used to treat infantile colic, which has negative effects on parents and infants. Further study of the complementary and alternative therapy methods will help to increase the evidence for their effective use in the treatment of infantile colic.

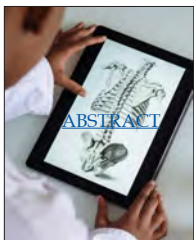
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Effects of Osteopathic T9-T10 Vertebral Manipulation in Tonsillitis: A Randomized Clinical Trial

Agustín Luceño-Mardones, Irene Luceño-Rodríguez, Elena Sonsoles Rodríguez-López, Jesús Oliva-Pascual-Vaca, Ignacio Rosety, Ángel Oliva-Pascual-Vaca
Healthcare (Basel). 2021 Apr 1;9(4):394. doi: [10.3390/healthcare9040394](https://doi.org/10.3390/healthcare9040394).

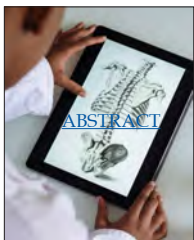
This study aimed to determine whether osteopathic manipulation of the T9-T10 vertebrae improves the evolution of tonsillitis. A randomized, stratified, controlled clinical trial with blinded patients, evaluator and data analyst was performed. The patients in the control group (CG) underwent a “sham” manipulation.



Physical Therapist Interventions for Infants With Nonsynostotic Positional Head Deformities: A Systematic Review

Irene Cabrera-Martos, Salvador Jesús Ortigosa-Gómez, Laura López-López, Araceli Ortiz-Rubio, Irene Torres-Sánchez, María Granados-Santiago, Marie Carmen Valenza
Phys Ther. 2021 Aug 1;101(8):pzab106. doi: [10.1093/ptj/pzab106](https://doi.org/10.1093/ptj/pzab106).

This study sought to examine the methodological quality and summarize the evidence from clinical trials that examined the effectiveness of physical therapist interventions in the management of nonsynostotic positional head deformities in infants.



Chiropractic Care for the Pregnant Body

Shayna N Conner, Amanda S Trudell, Craig A Conner
Clin Obstet Gynecol. 2021 Sep 1;64(3):602-610. doi: [10.1097/GRF.0000000000000621](https://doi.org/10.1097/GRF.0000000000000621).

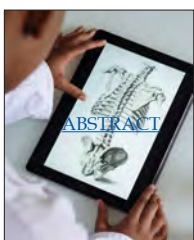
Chiropractic care is a commonly used treatment modality for musculoskeletal pain in pregnancy. Low back pain, pelvic pain, and other neuromuscular complaints are prevalent in pregnancy and contribute to significant maternal discomfort in many women. Nonpharmacologic therapies to relieve pain are increasingly important during pregnancy because of the opioid epidemic. Chiropractic treatment is one of the potential therapies that offers intervention without medications. This article provides an evidence-based review of the epidemiology of chiropractic use in obstetrics, commonly treated conditions, related physiology of pregnancy, and safety of spinal manipulation.



Clinical characteristics, treatment and outcomes of paediatric COVID-19: a systematic review and meta-analysis

Omar Irfan, Fiona Muttalib, Kun Tang, Li Jiang, Zohra S Lassi, Zulfiqar Bhutta
Arch Dis Child. 2021 Feb 16;106(5):440-448. doi: [10.1136/archdischild-2020-321385](https://doi.org/10.1136/archdischild-2020-321385). Online ahead of print.

Compare paediatric COVID-19 disease characteristics, management and outcomes according to World Bank country income level and disease severity. 129 studies were included from 31 countries comprising 10 251 children of which 57.4% were hospitalised. Mean age was 7.0 years (SD 3.6), and 27.1% had a comorbidity. Paediatric COVID-19 has a favourable prognosis. Further severe disease characterisation in children is needed globally.



Assessment of Studies Evaluating Spinal Manipulative Therapy and Infectious Disease and Immune System Outcomes: A Systematic Review

Ngai Chow, Sheilah Hogg-Johnson, Silvano Mior, Carol Cancelliere, Stephen Injeyan, Julita Teodorczyk-Injeyan, J David Cassidy, Anne Taylor-Vaisey, Pierre Côté
JAMA Netw Open. 2021 Apr 1;4(4):e215493. doi: [10.1001/jamanetworkopen.2021.5493](https://doi.org/10.1001/jamanetworkopen.2021.5493).

Claims that spinal manipulative therapy (SMT) can improve immune function have increased substantially during the COVID-19 pandemic and may have contributed to the rapid spread of both accurate and inaccurate information (referred to as an infodemic by the World Health Organization).