December, 2013

Alberta is actively involved in clinical health research and has extensively published across the spectrum of health. This generation of evidence-based research contributes to building of knowledge and best practices that benefits the health outcomes of Albertans.

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Brandon Bernard, Blaise A. Clarke, Janet I. Malowany, Jessica McAlpine, Cheng-Han Lee, Eshetu G. Atenafu, Sarah Ferguson, Helen Mackay

Healthcare Management Forum

Jugglers, tightrope walkers, and ringmasters: Priority setting, allocation, and reducing moral burden
Eric Wasylenko

Message du rédacteur en chef invité
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Human Movement Science

The effect of lateral banking on the kinematics and kinetics of the lower extremity during lateral cutting movements
John W. Wannop, Eveline S. Graf, Darren J. Stefanyshyn
Immunology Letters

Coronin 1 is dispensable for leukocyte recruitment and liver injury in concanavalin A-induced hepatitis
Kerstin Siegmund, Woo-Yong Lee, Vincent S. Tchang, Michael Stiess, Luigi Terracciano, Paul Kubes, Jean Pieters

Injury

A multicentre, prospective, randomised comparison of the sliding hip screw with the Medoff sliding screw and side plate for unstable intertrochanteric hip fractures
R. McCormack, K. Panagiotopolous, R. Buckley, M. Penner, B. Perey, G. Pate, T. Goetz, M. Piper

In hypothermic major trauma patients the appropriate hospital for damage control and rewarming may be life saving
Peter Paal, Douglas J.A. Brown, Hermann Brugger, Jeff Boyd

International Journal of Cardiology

High risks of all-cause and cardiovascular deaths in apparently healthy middle-aged people with preserved glomerular filtration rate and albuminuria: A prospective cohort study

A Letter Reporting Depression in Cardiovascular Patients in the Middle Eastern Populations
Tam Truong Donnelly, Jassim M. Al Suwaidi, Awad Alqahtani, Nidal Assad, Najla Abdul Qader, Rajvir Singh, Tak S. Fung, Irem Mueed, Noha El Banna, Shima Sharara

Indications, safety and image quality of cardiovascular magnetic resonance: Experience in > 5,000 North American patients
Judy M. Luu, Neil G. Filipchuk, Matthias G. Friedrich

Response to letter “Associations of inflammatory biomarkers to body mass index among patients with acute coronary syndrome”
Sean van Diepen, L. Kristin Newby, Amanda Stebbins, Paul W. Armstrong, Christopher B. Granger

International Journal of Infectious Diseases

Prognostic factors for mortality in neonatal tetanus: a systematic review and meta-analysis
Jonathan A. Lambo, Emmanuel A. Anokye

International Journal of Nursing Studies

An evaluation of instruments for scoring physiological and behavioral cues of pain, non-pain related distress, and adequacy of analgesia and sedation in pediatric mechanically ventilated patients: A systematic review
Tamara L. Dorfman, Elizabeth Sumomo Schellenberg, Gwen R. Rempel, Shannon D. Scott, Lisa Hartling

What is the ‘self’ in chronic disease self-management?
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International Journal of Radiation Oncology*Biology*Physics

Anal Carcinoma: Impact of TN Category of Disease on Survival, Disease Relapse, and Colostomy Failure in US Gastrointestinal Intergroup RTOG 98-11 Phase 3 Trial

Preliminary Toxicity Analysis of 3-Dimensional Conformal Radiation Therapy Versus Intensity Modulated Radiation Therapy on the High-Dose Arm of the Radiation Therapy Oncology Group 0126 Prostate Cancer Trial
Jeff M. Michalski, Yan Yan, Deborah Watkins-Bruner, Walter R. Bosch, Kathryn Winter, James M. Galvin, Jean-Paul Bahary, Gerard C. Morton, Matthew B. Parliament, Howard M. Sandler

JACC: Cardiovascular Imaging
T1 Mapping for the Diagnosis of Acute Myocarditis Using CMR: Comparison to T2-Weighted and Late Gadolinium Enhanced Imaging
Vanessa M. Ferreira, Stefan K. Piechnik, Erica Dall’Armellina, Theodoros D. Karamitsos, Jane M. Francis, Ntobeko Ntusi, Cameron Holloway, Robin P. Choudhury, Attila Kardos, Matthew D. Robson, Matthias G. Friedrich, Stefan Neubauer

JACC: Heart Failure
Differences in Treatment, Outcomes, and Quality of Life Among Patients With Heart Failure in Canada and the United States
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Journal of Affective Disorders
Childhood cognitive ability and its relationship with anxiety and depression in adolescence

Journal of Allergy and Clinical Immunology
Rhinovirus specific IgE can be detected in human sera
Jonathan S. Tam, William T. Jackson, Desire Hunter, David Proud, Mitchell H. Grayson

Effects of benralizumab on airway eosinophils in asthmatic patients with sputum eosinophilia
Michel Laviolette, David L. Gossage, Gail Gauvreau, Richard Leigh, Ron Olivenstein, Rohit Katial, William W. Busse, Sally Wenzel, Yanping Wu, Vivekananda Datta, Roland Kolbeck, Nestor A. Molfin

Journal of Biomechanics
Analysis of the multi-segmental postural movement strategies utilized in bi-pedal, tandem and one-leg stance as quantified by a principal component decomposition of marker coordinates
Peter Federolf, Lilian Roos, Benno M. Nigg

Journal of Cardiac Failure
Medical Resource Use, Costs, and Quality of Life in Patients With Acute Decompensated Heart Failure: Findings From ASCEND-HF
Shelby D. Reed, Padma Kaul, Yanhong Li, Zubin J. Eapen, Linda Davidson-Ray, Kevin A. Schulman, Barry M. Massie, Paul W. Armstrong, Randall C. Starling, Christopher M. O’Connor, Adrian F. Hernandez, Robert M. Califf

Generalizability of RELAX-AHF Clinical Trial Patients to a Large US Registry
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Nesiritide Administration in Patients Hospitalized for Acute Decompensated Heart Failure: Does Timing Matter?
Yee Weng Wong, Gretchen Heizer, John J.V. McMurray, G. Michael Felker, Robert M. Califf, Paul Armstrong, Christopher M. O’Connor, Justin A. Ezekowitz, Randall C. Starling, Vic Hasselblad, Adrian F. Hernandez

Predictors for Performance of Left Ventricular Ejection Fraction Following Diagnosis of Heart Failure
Patricia M. Campbell, Glen Sumner, Flora Stephenson, Carolyn DeCoster, Jonathan Howlett

Use of Electronic Heart Failure Order Set and Post Discharge Outcomes in a Large Urban Health System
Glen Sumner, Patricia M. Campbell, Sandeep Aggarwal, Jonathan Howlett

Journal of Cardiology Cases
Case report and review of clenbuterol cardiac toxicity
Arden R. Barry, Michelle M. Graham

Journal of Clinical Densitometry
Does a High Dietary Acid Content Cause Bone Loss, and Can Bone Loss Be Prevented With an Alkaline Diet?
David A. Hanley, Susan J. Whiting

Of Fracture Thresholds and Bone Mineral Density Reference Data: Does One Size Really Fit All?
Sumit R. Majumdar, William D. Leslie

Treatment Implications for Men When Switching From Male to Female Bone Mineral Density Reference Data: The Manitoba Bone Density Program
William D. Leslie, Sumit R. Majumdar

Understanding and Communicating the Benefits and Risks of Denosumab, Raloxifene, and Teriparatide for the Treatment of Osteoporosis
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Normative Data for Multisite Quantitative Ultrasound: The Canadian Multicenter Osteoporosis Study

Establishment of T-scores for HR-pQCT using a normative Canadian population
Lauren A. Burt, Heather M. Macdonald, David A. Hanley, Steven K. Boyd

Osteoporosis Treatment Does Not Explain Decreasing Temporal Trends in Fracture Rates: A Population-Based Analysis
William Leslie, Lisa Lix, Marina Yogendran, Suzanne Morin, Colleen Metge, Sumit Majumdar

Temporal Trends in Bone Mineral Density, Body Mass Index and Fracture Rates: Implications for Osteoporosis Diagnosis and FRAX
William Leslie, Lisa Lix, Suzanne Morin, Colleen Metge, Sumit Majumdar

Journal of Clinical Neuroscience
Evidence of ancillary trigeminal innervation of levator palpebrae in the general population
A.M. Lehman, C.C. Dong, A.M. Harries, A. Patel, C.R. Honey, M.S. Patel
**Journal of Critical Care**

Association between renal replacement therapy in critically ill patients with severe acute kidney injury and mortality
Sean M. Bagshaw, Shigehiko Uchino, John A. Kellum, Hirosi Morimatsu, Stanislao Morgera, Miet Schetz, Ian Tan, Catherine Bouman, Etienne Macedo, Noel Gibney, Ashita Tolwani, Heleen M. Oudemans-van Straaten, Claudio Ronco, Rinaldo Bellomo, for the Beginning and Ending Supportive Therapy for the Kidney (B.E.S.T. Kidney) Investigators

**Journal of Hand Surgery**

Posttraumatic Elbow Joint Contractures: Defining Pathologic Capsular Mechanisms and Potential Future Treatment Paradigms
Kevin A. Hildebrand

Nonsurgical Treatment of Elbow Stiffness
Ryan Paul, Robert Chan

**Journal of Heart and Lung Transplantation**

Primary cardiac graft failure – defining, predicting, preventing
Debra Isaac

**Journal of Hospital Infection**

Economic analysis of vancomycin-resistant enterococci at a Canadian hospital: assessing attributable cost and length of stay
P. Lloyd-Smith, J. Younger, E. Lloyd-Smith, H. Green, V. Leung, M.G. Romney

**Journal of Magnetic Resonance**

Sodium imaging of the human knee using soft inversion recovery fluid attenuation
Rebecca E. Feldman, Robert Stobbe, Alexander Watts, Christian Beaulieu

**Journal of Manipulative and Physiological Therapeutics**

Reliability of the Craniocervical Posture Assessment: Visual and Angular Measurements using Photographs and Radiographs
Inae C. Gadotti, Susan Armijo-Olivo, Anelise Silveira, David Magee

**Journal of Molecular and Cellular Cardiology**

Impact of the Renin-Angiotensin System on Cardiac Energy Metabolism in Heart Failure
Jun Mori, Liyan Zhang, Gavin Y. Oudit, Gary D. Lopaschuk

Role of CaMKII and ROS in rapid pacing-induced apoptosis
Marisa Sepúlveda, Luis A. Gonano, Tom G. Back, S.R. Wayne Chen, Martin Vila Petroff

**Journal of Neuroimmunology**

IL-25 prevents T cell-mediated neurotoxicity by decreasing LFA-1 expression
Diane A. Turner, Yohannes Haile, Fabrizio Giuliani
Journal of Nutrition, Education and Behavior
Making Compromises: A Qualitative Study of Sugar Consumption Behaviors during Pregnancy
Jocelyn E. Graham, Maria Mayan, Linda J. McCargar, Rhonda C. Bell, Sweet Moms Team

Journal of Oral and Maxillofacial Surgery
Le Fort III Distraction Osteogenesis versus Conventional Le Fort III Osteotomy in Correction of Syndromic Midfacial Hypoplasia: A Systematic Review
Humam Saltaji, Mostafa Altalibi, Michael P. Major, Muhammed H. Al-Nuaimi, Sawsan Tabbaa, Paul W. Major, Carlos Flores-Mir

Journal of Pain
The role of trait mindfulness in the pain experience of adolescents
Mark Petter, Christine T. Chambers, Patrick J. McGrath, Bruce D. Dick

Journal of Pain and Symptom Management
A Longitudinal Analysis of Symptom Clusters in Cancer Patients and Their Sociodemographic Predictors
Bejoy C. Thomas, Amy Waller, Rebecca L. Malhi, Tak Fung, Linda E. Carlson, Shannon L. Groff, Barry D. Bultz

Aggressiveness of End-of-Life Care for Patients With Colorectal Cancer in Alberta, Canada: 2006–2009
Weihong Hu, Yutaka Yasui, Jonathan White, Marcy Winget

Journal of Pediatric Surgery
Reply to Letter to the Editor
Julia O’Keefe, Roisin Byrne, Mark Montgomery, Joyce Harder, Derek Roberts, David L. Sigalet

Heterotaxy syndrome and intestinal rotation abnormalities: A survey of institutional practice
Charissa R. Pockett, Bryan J. Dicken, Ivan M. Rebeyka, David B. Ross, Lindsay M. Ryerson

Intestinal muscularis propria increases in thickness with corrected gestational age and is focally attenuated in patients with isolated intestinal perforations
Sarah Lai, Weiming Yu, Laurie Wallace, David Sigalet

Journal of Pediatric Surgery Case Reports
Sand aspiration in a child: Extracorporeal membrane oxygenation (ECMO) as a new management tool
Andre Isaac, Atsushi Kawaguchi, Daniel Garros, Gonzalo Garcia Guerra, Hamdy El-Hakim

Journal of Professional Nursing
The Potential for Nurse Practitioners in Health Care Reform
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Journal of Proteomics
Quantitative Proteomic Analysis of HER2 Normal and Overexpressing MCF-7 Breast Cancer Cells Revealed Proteomic Changes Accompanied with HER2 Gene Amplification
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Journal of Taibah University Medical Sciences
Prednisolone or acyclovir in Bell’s palsy
Kevin Hafez, Abdullah Al Khenizan

Journal of Sport and Health Science
Human neuromuscular structure and function in old age: A brief review
Geoffrey A. Power, Brian H. Dalton, Charles L. Rice

Journal of the American Society of Echocardiography
Myocardial Deformation Analysis in Contrast Echocardiography: First Results Using Two-Dimensional Cardiac Performance Analysis
Alda Huqi, Allen He, Berthold Klas, Ian Paterson, Richard Thompson, Marleen Irwin, Justin Ezekowitz, Jonathan B. Choy, Harald Becher

Systolic and Diastolic Function Assessment in Fabry Disease Patients Using Speckle-Tracking Imaging and Comparison with Conventional Echocardiographic Measurements
Miriam Shanks, Richard B. Thompson, Ian D. Paterson, Brendan Putko, Aneal Khan, Alicia Chan, Harald Becher, Gavin Y. Oudit

Prenatal Diagnosis Improves the Postnatal Cardiac Function in a Population-Based Cohort of Infants with Hypoplastic Left Heart Syndrome

Journal of Thoracic and Cardiovascular Surgery
Arterial grafts balance survival between incomplete and complete revascularization: A series of 1000 consecutive patients with coronary artery bypass graft with 98% arterial grafts
Teresa M. Kieser, Helen J. Curran, M. Sarah Rose, Colleen M. Norris, Michelle M. Graham

Knowledge, attitudes, and practice patterns in surgical management of bicuspid aortopathy: A survey of 100 cardiac surgeons

Early postoperative systemic inflammatory response is an important determinant for adverse 2-year neurodevelopment-associated outcomes after the Norwood procedure
Xiaohui Li, Charlene M.T. Robertson, Xiaoyang Yu, Andriy Cheypesh, Irina A. Dinu, Jia Li

Preoperative B-type natriuretic peptide levels are associated with outcome after total cavopulmonary connection (Fontan)
Monique Radman, Roberta L. Keller, Peter Olishi, Sanjeev A. Datar, Kari Wellnitz, Anthony Azakie, Frank Hanley, Danton Char, Jong-Hau Hsu, Rambod Amrinovin, Ian Adatia, Jeffrey R. Fineman
Journal of Vascular and Interventional Radiology

Delayed Intimal Blowout after Endovascular Repair of Aortic Dissection
Anirudh Mirakhur, Jehangir J. Appoo, William Kent, Eric J. Herget, Jason K. Wong

Lancet

Addressing invisibility, inferiority, and powerlessness to achieve gains in maternal health for ultra-poor women
Zubia Mumtaz, Sarah Salway, Afshan Bhatti, Lynn McIntyre

Lancet Diabetes & Endocrinology

Comparison of coronary artery bypass surgery and percutaneous coronary intervention in patients with diabetes: a meta-analysis of randomised controlled trials
Subodh Verma, Michael E Farkouh, Bobby Yanagawa, David H Fitchett, Muhammad R Ahsan, Marc Ruel, Sachin Sud, Milan Gupta, Shantanu Singh, Nandini Gupta, Asim N Cheema, Lawrence A Leiter, Paul W M Fedak, Hwee Teoh, David A Latter, Valentin Fuster, Jan O Friedrich

Lancet Neurology

High-dose albumin treatment for acute ischaemic stroke (ALIAS) part 2: a randomised, double-blind, phase 3, placebo-controlled trial
Myron D Ginsberg, Yuko Y Palesch, Michael D Hill, Renee H Martin, Claudia S Moy, William G Barsan, Bonnie D Waldman, Diego Tamariz, Karla J Ryckborst, for the ALIAS and Neurological Emergencies Treatment Trials (NETT) Investigators

Lancet Oncology

Pomalidomide plus low-dose dexamethasone versus high-dose dexamethasone alone for patients with relapsed and refractory multiple myeloma (MM-003): a randomised, open-label, phase 3 trial
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Molecular and Cellular Neuroscience

Fluoxetine and citalopram decrease microglial release of glutamate and D-serine to promote cortical neuronal viability following ischemic insult
K.S. Dhami, M.A. Churchward, G.B. Baker, K.G. Todd

Multiple Sclerosis and Related Disorders

A review of the anterior visual pathway model and the study of vitamin D in demyelinating disease
Jodie M. Burton, Fiona Costello

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CHD chromatin remodelling enzymes and the DNA damage response
Fintan K.T. Stanley, Shaun Moore, Aaron A. Goodarzi
**Nurse Education Today**

**Competence and competency-based nursing education: Finding our way through the issues**
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**Mind the Gap: Quantifying the Performance Gap between Observed and Required Clinical Competencies in Undergraduate Nursing Students**
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**Food labels: A critical assessment**
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**Pain in Hospitalized Children: Effect of a Multidimensional Knowledge Translation Strategy on Pain Process and Clinical Outcomes**
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**Do various baseline characteristics of transversus abdominis and lumbar multifidus predict clinical outcomes in non-specific low back pain? A systematic review**
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**Social Behavior and Comorbidity in Children With Tics**
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**Does tester experience influence the reliability with which 3D gait kinematics are collected in healthy adults?**
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**The Influence of Diagnostic Terminology on Parents' Perception of Severity Following Pediatric Mild Traumatic Brain Injury or Concussion**
Jordan Raugust, John E. Latter
Preventive Medicine

Healthy Alberta Communities: Impact of a three-year community-based obesity and chronic disease prevention intervention
Kim D. Raine, Ronald Plotnikoff, Donald Schopflocher, Ellina Lytvyak, Candace I.J. Nykiforuk, Kate Storey, Arto Ohinmaa, Lisa Purdy, Paul Veugelers, T. Cameron Wild

Legislated changes to federal pension income in Canada will adversely affect low income seniors' health
J.C. Herbert Emery, Valerie C. Fleisch, Lynn McIntyre

The impact of a population-level school food and nutrition policy on dietary intake and body weights of Canadian children
Christina Fung, Jessie-Lee D. McIsaac, Stefan Kuhle, Sara F.L. Kirk, Paul J. Veugelers

Progress in Cardiovascular Diseases

Cardiac Rehabilitation Series: Canada
Sherry L. Grace, Stephanie Bennett, Chris I. Ardern, Alexander M. Clark

Progress in Lipid Research

Interaction of brain fatty acid-binding protein with the polyunsaturated fatty acid environment as a potential determinant of poor prognosis in malignant glioma
Marwa E. Elsherbiny, Marwan Emara, Roseline Godbout

Psychiatric Clinics of North America

What Characterizes Late-Life Depression?
Zahinoor Ismail, Corinne Fischer, W. Vaughn McCall

Psychiatry Research

Functional development in clinical high risk youth: Prediction of schizophrenia versus other psychotic disorders

Theory of mind deficits in patients with mild symptoms of major depressive disorder
Andrée M. Cusi, Anthony Nazarov, Glenda M. MacQueen, Margaret C. McKinnon

Psychiatry Research: Neuroimaging

Neural correlates of cognitive remediation in patients with mood disorders
Liesel-Ann C. Meusel, Geoffrey B.C. Hall, Philip Fougere, Margaret C. McKinnon, Glenda M. MacQueen

Changes in cortical thickness across the lifespan in major depressive disorder
Wanda Truong, Luciano Minuzzi, Claudio N. Soares, Benicio N. Frey, Alan C. Evans, Glenda M. MacQueen, Geoffrey B.C. Hall

Psychology of Sport and Exercise

Testing Mediator Variables in a Physical Activity Intervention for Women with Type 2 Diabetes
Ronald C. Plotnikoff, David R. Lubans, Chris M. Penfold, Kerry S. Courneya
Psychoneuroendocrinology

Reductions in circulating endocannabinoid levels in individuals with post-traumatic stress disorder following exposure to the world trade center attacks
Matthew N. Hill, Linda M. Bierer, Iouri Makotkine, Julia A. Golier, Sandro Galea, Bruce S. McEwen, Cecilia J. Hillard, Rachel Yehuda

Research in Autism Spectrum Disorders

Pilot randomized controlled trial of a Functional Behavior Skills Training program for young children with Autism Spectrum Disorder who have significant early learning skill impairments and their families

Conceptual and Perceptual Set-shifting executive abilities in young adults with Asperger's syndrome
Danielle I. Brady, Vicki L. Schwean, Donald H. Saklofske, Adam W. McCrimmon, Janine M. Montgomery, Keoma J. Thorne

Respiratory Medicine Case Reports

Granulomatous PJP presenting as a solitary lung nodule in an immune competent female.
J. Lam, M.M. Kelly, R. Leigh, M.D. Parkins

Resuscitation

Learning not to lean when you push ... some hard-pressed issues of cardiac compressions during cardiopulmonary resuscitation of neonates
Po-Yin Cheung, Georg Schmölder

Resuscitation following penetrating abdominal and pelvic trauma: novel insights and useful reminders
P.G. Brindley, M. Douma

Neonatal Outcomes Following Extensive Cardiopulmonary Resuscitation in the Delivery Room for Infants Born at Less than 33 Weeks Gestational Age
Amuchou Singh Soraisham, Abhay Kumar Lodha, Nalini Singhal, Khalid Aziz, Junmin Yang, Shoo K Lee, Prakesh S Shah

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Analyzing the severity of bicycle-motor vehicle collision using spatial mixed logit models: A City of Edmonton case study
Jeana Klassen, Karim El-Basyouny, Md. Tazul Islam

The impact of lowered residential speed limits on vehicle speed behavior
Md. Tazul Islam, Karim El-Basyouny, Shewkar E. Ibrahim

Schizophrenia Research

Social cognition as a mediator between neurocognition and functional outcome in individuals at clinical high risk for psychosis
Mariapaola Barbato, Lu Liu, David L. Penn, Richard S.E. Keefe, Diana O. Perkins, Scott W. Woods, Jean Addington

Duration of untreated psychosis in adolescents: Ethnic differences and clinical profiles
Maria-de-Gracia Dominguez, Helen L. Fisher, Barnaby Major, Brock Chisholm, Nikola Rahaman, John Joyce, James Woolley, Jo Lawrence, Mark Hinton, Karl Marlowe, Katherine Aitchison, Sonia Johnson, Matthew Hodes

Theory of mind and social judgments in people at clinical high risk of psychosis
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Female polysomy-X and systemic lupus erythematosus
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Oxygen therapy and oximetry in the delivery room
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Marja J. Verhoef, Heather S. Boon, Donatus R. Mutasingwa

Social norms and attitudes linked to waterpipe use in the Eastern Mediterranean Region
Rima Afifi, Joanna Khalil, Fouad Fouad, Fadi Hammal, Yara Jarallah, Hala Abu Farhat, Maha Ayad, Rima Nakkash

Spine Journal

Reliability of the clinical examination in the diagnosis of neurogenic versus vascular claudication
Andrew J. Haig, Paul Park, Peter K. Henke, Karen S.J. Yamakawa, Christy Tomkins-Lane, Juan Valdivia, Sierra Loar

TO THE EDITOR: Re: Fazal A, Yoo A, Bendo JA. Does the presence of the nerve root sedimentation sign on MRI correlate with the operative level in patients undergoing posterior lumbar decompression for lumbar stenosis? Spine J 2013;13:837-42
Markus Melloh, Christy C. Tomkins-Lane, Douglas J. Quint, Shaun Gabriel, Andrew J. Haig

The effect of application site of spinal manipulative therapy (SMT) on spinal stiffness
Tiffany L. Edgecombe, Greg N. Kawchuk, Cynthia R. Long, Joel G. Pickar

Surface Topography asymmetry maps categorizing external deformity in scoliosis
Amin Komeili, Lindsey Westover, Eric Parent, Marc Moreau, Marwan El-Rich, Samer Adeeb

Depression as a Prognostic Factor of Lumbar Spinal Stenosis: A Systematic Review
Ashley B. McKillop, Linda J. Carroll, Michele C. Battié

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Surgery for Obesity and Related Diseases

Effects of Roux-en-Y Gastric Bypass and Ileal Transposition Surgeries on Glucose and Lipid Metabolism in Skeletal Muscle and Liver
Adel Pezeshki, Prasanth K Chelikani

The Lancet

Effect of calcium-based versus non-calcium-based phosphate binders on mortality in patients with chronic kidney disease: an updated systematic review and meta-analysis
Sophie A Jamal, Ben Vandermeer, Paolo Raggi, David C Mendelssohn, Trish Chatterley, Marlene Dorgan, Charmaine E Lok, David Fitchett, Ross T Tsuyuki

The Lancet Neurology

Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration

Transfusion Medicine Reviews

Enhancing the Migration Ability of Cord Blood-Derived Mesenchymal Stromal Cells for Tissue Repair
Leah Marquez-Curtis, Yuan Qiu, Hilal Gul-Uludag, Loree Larratt, A. Robert Turner, Anna Janowska-Wieczorek

Translational Research

Role of sex steroids and sexual dimorphism on cardiac iron metabolism in iron-overload cardiomyopathy
Subhash K. Das, Pavel Zhabyeyev, Gavin Y. Oudit

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Successful Kidney and Liver Transplantation From a Donor With Immune Thrombocytopenia
F. Kaestner, D.J. Kutsogiannis

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Urinary Outcomes Are Significantly Affected by Nerve Sparing Quality During Radical Prostatectomy

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Vaccine

Shingles in Alberta: Before and after publicly funded varicella vaccination
Margaret L. Russell, Douglas C. Dover, Kimberley A. Simmonds, Lawrence W. Svenson

Applicability of the Brighton Collaboration Case Definition for seizure after immunization in active and passive surveillance in Canada
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Pneumococcal vaccination programs and the burden of invasive pneumococcal disease in Ontario, Canada, 1995–2011
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How many published cases of serious adverse events after yellow fever vaccination meet Brighton Collaboration diagnostic criteria?
Roger E. Thomas, Wendy Spragins, Diane L. Lorenzetti

Value in Health

Cost-Utility of Metal-on-Metal Hip Resurfacing Compared to Conventional Total Hip Replacement in Young Active Patients with Osteoarthritis
Sanne Heintzbergen, Nathalie A. Kulin, Maarten J. IJzerman, Lotte M.G. Steuten, Jason Werle, Hoa Khong, Deborah A. Marshall

Cost-Effectiveness of Expanded Newborn Screening in Texas—Author Response to Letter to the Editor
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Women, Incarceration, and Health
Josiah D. Rich, Sandra C. Cortina, Zoe X. Uvin, Dora M. Dumont

World Neurosurgery

Long-term progression of lipomatosis of nerve
Chandan B. Mohanty, Rajiv Midha

Retractor assisted endoscopic nerve decompression in entrapment neuropathy
Chandan B. Mohanty, Rajiv Midha

The Future of Intracranial Aneurysm Management: Personalized Medicine
Alim P. Mitha