Current Awareness Service
October 2010

National Documentation Centre
National Institute of Health and Family welfare
Baba Gangnath Marg, Munirka
New Delhi-110067
American Journal of Epidemiology

Volume 171, Issue. 12 (15 June 2010)

Editorial

Peer Review—Do Unto Others …
Page: 1249

Systematic reviews and meta- and pooled analyses

Body Mass Index, Cigarette Smoking, and Alcohol Consumption and Cancers of the Oral Cavity, Pharynx, and Larynx: Modeling Odds Ratios in Pooled Case-Control Data
Page: 1250

Original contributions

Parents’ Ages at Birth and Risk of Adult-onset Hematologic Malignancies Among Female Teachers in California
Page: 1262

Associations Between Anthropometry, Cigarette Smoking, Alcohol Consumption, and Non-Hodgkin Lymphoma in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial
Jesse D. Troy, Patricia Hartge, Joel L. Weissfeld, Martin M. Oken, Graham A. Colditz, Leah E. Mechanic, and Lindsay M. Morton
Page: 1270

Obesity and Disability: Relation Among Older Adults Living in Latin America and the Caribbean
Soham Al Snih, James E. Graham, Yong-Fang Kuo, James S. Goodwin, Kyriakos S. Markides, and Kenneth J. Ottenbacher
Page: 1282

Changing Influences on Childhood Obesity: A Study of 2 Generations of the 1958 British Birth Cohort
Angela Pinot de Moira, Chris Power, and Leah Li
Page: 1289
Effects of Personal Exposure to Particulate Matter and Ozone on Arterial Stiffness and Heart Rate Variability in Healthy Adults
Chang-fu Wu, I-Chun Kuo, Ta-Chen Su, Ya-Ru Li, Lian-Yu Lin, Chang-Chuan Chan, and Shih-Chieh Hsu
Page: 1299

Maternal and Perinatal Characteristics and the Risk of Cow's Milk Allergy in Infants up to 2 Years of Age: A Case-Control Study Nested in the Finnish Population
Johanna Metsälä, Annamari Lundqvist, Minna Kaila, Mika Gissler, Timo Klaukka, and Suvi M. Virtanen
Page: 1310

Practice of epidemiology

Comparison of 2 Approaches for Determining the Natural History Risk of Brain Arteriovenous Malformation Rupture
Helen Kim, Charles E. McCulloch, S. Claiborne Johnston, Michael T. Lawton, Stephen Sidney, and William L. Young
Page: 1317

Letters to the editor

RE: “Cardiorespiratory fitness levels among us adults 20–49 years of age: findings from the 1999–2004 national health and nutrition examination survey”
Francisco B. Ortega and Enrique G. Artero
Page: 1323

RE: “Caffeine intake and semen quality in a population of 2,554 young danish men”
Page: 1324

RE: “Smoking and parkinson's disease: using parental smoking as a proxy to explore causality”
Charles Poole and Jay S. Kaufman
Page: 1324

The authors reply
Éilis J. O'Reilly, Honglei Chen, Hannah Gardener, Xiang Gao, and Alberto Ascherio
Page: 1325
American Journal of Epidemiology

Volume 172, Issue. 3(1 August 2010)

Original contributions

Pelvic Endometriosis Diagnosed in an Entire Nation Over 20 Years
Jon Torfi Gylfason, Kristjan Andri Kristjansson, Gudlaug Sverrisdottir, Kristin Jonsdottir, Vilhjalmur Rafnsson, and Reynir Tomas Geirsson
Page: 237

Evaluation of Genetic Susceptibility Loci for Obesity in Chinese Women
Jiajun Shi, Jirong Long, Yu-Tang Gao, Wei Lu, Quyin Cai, Wanqing Wen, Ying Zheng, Kai Yu, Yong-Bing Xiang, Frank B. Hu, Wei Zheng, and Xiao-Ou Shu
Page: 244

Teens and Screens: The Influence of Screen Time on Adiposity in Adolescents
Tracie A. Barnett, Jennifer O'Loughlin, Catherine M. Sabiston, Igor Karp, Mathieu Bélanger, Andraea Van Hulst, and Marie Lambert
Page: 255

Weight Change and Incident Diabetes: Addressing an Unresolved Issue
Monique A. M. Jacobs-van der Bruggen, Annemieke Spijkerman, Pieter H. M. van Baal, Caroline A. Baan, Edith J. M. Feskens, H. Susan J. Picavet, Daphne L. van der A, and W. M. Monique Verschuren
Page: 263

Urinary 8-Hydroxy-2-deoxyguanosine and Cognitive Function in Puerto Rican Adults
Xiang Gao, Chao-Qiang Lai, Tammy Scott, Jian Shen, Tianxi Cai, Jose M. Ordovas, and Katherine L. Tucker
Page: 271

Effect of Teenage Parenthood on Mental Health Trajectories: Does Sex Matter?
Katie Brooks Biello, Heather L. Sipsma, and Trace Kershaw
Page: 279

Do Neighborhood Socioeconomic Deprivation and Low Social Cohesion Predict Coronary Calcification?: The CARDIA Study
Daniel Kim, Ana V. Diez Roux, Catarina I. Kiefe, Ichiro Kawachi, and Kiang Liu
Page: 288

Chronic Disease in Men With Newly Diagnosed Cancer: A Nested Case-Control Study
Jane A. Driver, Rachel Yung, J. Michael Gaziano, and Tobias Kurth
Page: 299

Long-Term Mortality in Patients Diagnosed With Pneumococcal Meningitis: A Danish Nationwide Cohort Study
Casper Roed, Frederik Neess Engsig, Lars Haukali Omland, Peter Skinhoj, and Niels Obel
Page: 309
**Practice of epidemiology**

Andrea Benedetti, Dick Menzies, Marcel A. Behr, Kevin Schwartzman, and Yulan Jin  
Page: 318

**Linking the Iowa Women's Health Study Cohort to Medicare Data: Linkage Results and Application to Hip Fracture**  
Beth Virnig, Sara B. Durham, Aaron R. Folsom, and James Cerhan  
Page: 327

**A Simple Approach to the Estimation of Incidence Rate Difference**  
Ying Xu, Y. B. Cheung, K. F. Lam, S. H. Tan, and Paul Milligan  
Page: 334

**Regression Calibration for Classical Exposure Measurement Error in Environmental Epidemiology Studies Using Multiple Local Surrogate Exposures**  
Thomas F. Bateson and J. Michael Wright  
Page: 344

**Improvement of Risk Prediction by Genomic Profiling: Reclassification Measures Versus the Area Under the Receiver Operating Characteristic Curve**  
Raluca Mihaescu, Moniek van Zitteren, Mandy van Hoek, Eric J. G. Sijbrands, André G. Uitterlinden, Jacqueline C. M. Witteman, Albert Hofman, M. G. Myriam Hunink, Cornelia M. van Duijn, and A. Cecile J. W. Janssens  
Page: 353
American Journal of Epidemiology

Volume 172, Issue 4 (15 August 2010)

Original contributions

Cytomegalovirus Antibody Levels, Inflammation, and Mortality Among Elderly Latinos Over 9 Years of Follow-up
Eric T. Roberts, Mary N. Haan, Jennifer Beam Dowd, and Allison E. Aiello
Page: 363

Invited Commentary: Human Cytomegalovirus, Inflammation, Cardiovascular Disease, and Mortality
Clyde S. Crumpacker
Page: 372

Roberts et al. Respond to “Human CMV, Inflammation, and Mortality”
Eric T. Roberts, Mary N. Haan, Jennifer Beam Dowd, and Allison E. Aiello
Page: 375

Personality Traits and Cancer Risk and Survival Based on Finnish and Swedish Registry Data
Naoki Nakaya, Pernille E. Bidstrup, Kumi Saito-Nakaya, Kirsten Frederiksen, Markku Koskenvuo, Eero Pukkala, Jaakko Kaprio, Birgitta Floderus, Yosuke Uchitomi, and Christoffer Johansen
Page: 377

Invited Commentary: Personality as a Causal Factor in Cancer Risk and Mortality—Time to Retire a Hypothesis?
Adelita V. Ranchor, Robbert Sanderman, and James C. Coyne
Page: 386

Long-term Harm of Low Preparedness for a Wife's Death From Cancer—A Population-based Study of Widowers 4–5 Years After the Loss
Arna Hauksdóttir, Gunnar Steineck, Carl Johan Fürst, and Unnur Valdimarsdóttir
Page: 389

Fruit and Vegetable Consumption and Risk of Distal Gastric Cancer in the Shanghai Women's and Men's Health Studies
Meira Epplein, Xiao-Ou Shu, Yong-Bing Xiang, Wong-Ho Chow, Gong Yang, Hong-Lan Li, Bu-Tian Ji, Hui Cai, Yu-Tang Gao, and Wei Zheng
Page: 397

Circulating C-Reactive Protein Concentrations and Risks of Colon and Rectal Cancer: A Nested Case-Control Study Within the European Prospective Investigation into Cancer and Nutrition
Krasimira Aleksandrova, Mazda Jenab, Heiner Boeing, Eugene Jansen, H. Bas Bueno-de-Mesquita, Sabina Rinaldi, Elio Riboli, Kim Overvad, Christina C. Dahm, Anja Olsen, Anne Tjønneland, Marie-Christine Boutron-Ruault, Françoise Clavel-Chapelon, Sophie Morois,
Leisure Time Spent Sitting in Relation to Total Mortality in a Prospective Cohort of US Adults
Alpa V. Patel, Leslie Bernstein, Anusila Deka, Heather Spencer Feigelson, Peter T. Campbell, Susan M. Gapstur, Graham A. Colditz, and Michael J. Thun
Page: 419

Influence of Endogenous Reproductive Hormones on F2-Isoprostane Levels in Premenopausal Women: The BioCycle Study
Enrique F. Schisterman, Audrey J. Gaskins, Sunni L. Mumford, Richard W. Browne, Edwina Yeung, Maurizio Trevisan, Mary Hediger, Cuilin Zhang, Neil J. Perkins, Kathleen Hovey, Jean Wactawski-Wende, and for the BioCycle Study Group
Page: 430

Association Between Left Ventricular Mass and Telomere Length in a Population Study
Tatiana Kuznetsova, Veryan Codd, Scott Brouilette, Lutgarde Thijs, Arantxa González, Yu Jin, Tom Richart, Pim van der Harst, Javier Díez, Jan A. Staessen, and Nilesh J. Samani
Page: 440

Home Dampness and Molds as Determinants of Allergic Rhinitis in Childhood: A 6-Year, Population-based Cohort Study
Jouni J. K. Jaakkola, Bing-Fang Hwang, and Maritta S. Jaakkola
Page: 451

Epidemiology of Antiretroviral Multiclass Resistance
Viviane D. Lima, P. Richard Harrigan, Martin Sénécal, Benita Yip, Eric Druyts, Robert S. Hogg, and Julio S. G. Montaner
Page: 460

Practice of epidemiology

Strategies for Using the National Death Index and the Social Security Administration for Death Ascertainment in Large Occupational Cohort Mortality Studies
Nancy C. Wojcik, Wendy W. Huebner, and Gail Jorgensen
Page: 469

Strategies for Multiple Imputation in Longitudinal Studies
Michael Spratt, James Carpenter, Jonathan A. C. Sterne, John B. Carlin, Jon Heron, John Henderson, and Kate Tilling
Page: 478

Book review
Asian Journal of Andrology

Volume 12, Issue 5(September 2010)

Editorial

Creating a “one-stop shop” for all the most interesting findings from across the field of andrology—Asian Journal of Andrology launches Research Highlights
Yi-Fei Wang
Page: 619

Research Highlights

Novel approaches for the molecular classification of prostate cancer
Robert H. Getzenberg
Page: 620

Testosterone deficiency and treatment in older men: definition, treatment, pitfalls
Michael Zitzmann
Page: 623

Does erectile dysfunction drug use contribute to risky sexual behavior?
Wayne J. G. Hellstrom
Page: 626

Reviews

Male circumcision: towards a World Health Organisation normative practice in resource limited settings
Tim Hargreave
Page: 628

Androgen receptor signaling and mutations in prostate cancer
Shahriar Koochekpour
Page: 639

Original Articles

Male Genetics

Human RING finger protein ZNF645 is a novel testis-specific E3 ubiquitin ligase
Yun-Qiang Liu, Gang Bai, Hao Zhang, Dan Su, Da-Chang Tao, Yuan Yang, Yong-Xin Ma and Si-Zhong Zhang
Page: 658

The role of ezrin-associated protein network in human sperm capacitation
Lei Wang, Wen Chen, Chun Zhao, Ran Huo, Xue-Jiang Guo, Min Lin, Xiao-Yan Huang, Yun-Dong Mao, Zuo-Min Zhou and Jia-Hao Sha
Page: 667
**Prostate Disease**

**Growth inhibition mediated by PSP94 or CRISP-3 is prostate cancer cell line specific**
Bhakti R. Pathak, Ananya A. Breed, Vaishali H. Nakhawa, Dhanashree D. Jagtap and Smita D. Mahale
Page: 677

**Nitric oxide synthase 2 gene polymorphisms are associated with prostatic volume in Korean men with benign prostatic hyperplasia**
Koo Han Yoo, Su Kang Kim, Joo-Ho Chung and Sung-Goo Chang
Page: 690

**Apogossypolone, a novel inhibitor of antiapoptotic Bcl-2 family proteins, induces autophagy of PC-3 and LNCaP prostate cancer cells in vitro**
Xian-Qing Zhang, Xiao-Feng Huang, Xing-Bin Hu, Yong-Hua Zhan, Qun-Xing An, Shi-Ming Yang, Ai-Jun Xia, Jing Yi, Rui Chen, Shi-Jie Mu and Dao-Cheng Wu
Page: 697

**Downregulation of the nucleosome-binding protein 1 (NSBP1) gene can inhibit the in vitro and in vivo proliferation of prostate cancer cells**
Ning Jiang, Li-Qun Zhou and Xiao-Yu Zhang
Page: 709

**Efficacy of maximal androgen blockade versus castration alone in the treatment of advanced prostate cancer: a retrospective clinical experience from a Chinese medical centre**
Xue-Qin Chen, Ying Huang, Xiang Li, Peng Zhang, Rui Huang, Juan Xia, Ni Chen, Qiang Wei, Yu-Chun Zhu, Yu-Ru Yang and Hao Zeng
Page: 718

**Treatment satisfaction after 1 year high-power potassium-titanyl-phosphate photoselective vaporization of the prostate**
Ja Hyeon Ku, Min Chul Cho, Hyeong Seok Kim, Jae-Seung Paick and Soo Woong Kim
Page: 728

**Antagonism of estrogen-mediated cell proliferation by raloxifene in prevention of ageing-related prostatic hyperplasia**
Rui Yang, Yu-Xia Ma, Lin-Feng Chen, Ying Zhou, Zhan-Po Yang, Yan Zhu, Xiao-Ling Du, Jian-Dang Shi, Hong-Shun Ma and Ju Zhang
Page: 735

**Erectile Function**

**Effect of tankyrase 1 on autophagy in the corpus cavernosum smooth muscle cells from ageing rats with erectile dysfunction and its potential mechanism**
Jian Zhang, Xiao-Jun Wu, De-Xiang Zhuo, Tao Liu, Wei-Ren Li, Ze-Bin Mao and Zhong-Cheng Xin
Page: 744
Male Infertility

Preparation and incubation conditions affect the DNA integrity of ejaculated human spermatozoa
Rieko Matsuura, Takumi Takeuchi and Atsumi Yoshida
Page: 753

Supplemental effect of varying L-cysteine concentrations on the quality of cryopreserved boar semen
Kampon Kaeoket, Panida Chanapiwat, Padet Tummaruk and Mongkol Techakumphu
Page: 760

Others

Significance of age and comorbidity as prognostic indicators for patients with bladder cancer
Moon Soo Ha and In Ho Chang
Page: 766
Australian and New Zealand Journal of Public Health

Volume 34, Issue. 4(August 2010)

Editorial

Systematic reviews in public health research
John McCall and Jennie Connor
Page: 343

Clear as mud: results and the use of mixed methods
John Lowe
Page: 344

Food and drink

Beat the Heat: don't forget your drink – a brief public education program
Tracey Oakman, Helen Byles-Drage, Rodney Pope and Jessica Pritchard
Page: 346

Prevalence of neural tube defects in Australia prior to mandatory fortification of bread-making flour with folic acid
Samanthi Abeywardana, Carol Bower, Jane Halliday, Annabelle Chan and Elizabeth A. Sullivan
Page: 351

Urinary sodium excretion, dietary sources of sodium intake and knowledge and practices around salt use in a group of healthy Australian women
Karen Charlton, Heather Yeatman, Fiona Houweling and Sophie Guenon
Page: 356

Alcohol and tobacco

The relationship between alcohol supply source and young people's risky drinking and alcohol-related problem behaviours in Victoria, Australia
Paul M. Dietze and Michael Livingston
Page: 364

Diverging trends in alcohol consumption and alcohol-related harm in Victoria
Michael Livingston, Sharon Matthews, Monica J. Barratt, Belinda Lloyd and Robin Room
Page: 368

Balancing absolute and relative risk reduction in tobacco control policy: the example of antenatal smoking in Victoria, Australia
Nathan Grills, Bruce Bolam and Leonard Sunil Piers
Page: 374

Compliance and support for bans on smoking in licensed venues in Australia: findings from the International Tobacco Control Four-Country Survey
Chronic illness

Health policy responses to rising rates of multi-morbid chronic illness in Australia and New Zealand
Clive Aspin, Tanisha Jowsey, Nicholas Glasgow, Paul Dugdale, Ellen Nolte, Jane O'Hallahan and Stephen Leeder
Page: 386

Comparing self-reported and measured high blood pressure and high cholesterol status using data from a large representative cohort study
Anne Taylor, Eleonora Dal Grande, Tiffany Gill, Sandra Pickering, Janet Grant, Robert Adams and Patrick Phillips
Page: 394

Medications used in overdose and how they are acquired – an investigation of cases attending an inner Melbourne emergency department
Penny Buykx, Wendy Loxley, Paul Dietze and Alison Ritter
Page: 401

Inequalities

Effects of parental perception of neighbourhood deprivation and family environment characteristics on pro-social behaviours among 4–12 year old children
Andre M. N. Renzaho and Gery Karantzas
Page: 405

Life with a new baby: How do immigrant and Australian-born women's experiences compare?
Mridula Bandyopadhyay, Rhonda Small, Lyndsey F. Watson and Stephanie Brown
Page: 412

The relationship between self-reported health status and the increasing likelihood of South Australians seeking Internet health information
Nova Reinfeild-Kirkman, Elizabeth Kalucy and Leigh Roeger
Page: 422

Lifestyle

Solarium use in Australia, recent trends and context
Kate Francis, Suzanne Dobbinson, Melanie Wakefield and Afaf Girgis
Page: 427

Letters

A retrospective analysis of VIOXX in Australia: using clinical trial data and linked administrative health data to predict patient groups at risk of an adverse drug event
Acute hospital admission for sepsis: an important but under-utilised opportunity for smoking cessation interventions
Mark McMillan and Joshua S. Davis
Page: 432

Monitoring the cost of healthy food
Nathan Givoni and Claire Palermo
Page: 433

More responsibility needed in advertising related to encouraging mobile Internet device use while engaged in another activity
Joseph Y. Ting
Page: 435

Was the adult Victorian attack rate for pandemic influenza H1N1 2009 lower than expected?
Geoffry Mercer and Heath Kelly
Page: 436

Book reviews

Revolving Doors: New Zealand’s Health Reforms – The Continuing Saga
Page: 437

Anthropologists inside organisations: South Asian case studies
Page: 438
Current Science

Volume 99, Issue. 2 (25 July 2010)

Editorial

Physics and Physicists
P. Balaram
Page: 149

Correspondence

A brahminical culture in science
Atri Mukhopadhyay
Page: 151

Craig Venter, and the claim for ‘synthetic life’
J. Gowrishankar
Page: 152

A matter of form
V. S. Sunder
Page: 153

Dietary management
M. P. Rajendra Prasad
Page: 153

Gregarious flowering of a long-lived tropical semelparous bamboo Schizostachyum dullooa in Assam
Arun Jyoti Nath and Ashesh Kumar Das
Page: 154

Western Arunachal Pradesh offering prime home to the endangered red panda
Tanushree Srivastava and Pijush Kumar Dutta
Page: 155

News

Advancing the science of taxonomy in India
Aditya Bhaskaran and Priyadarsanan Dharma Rajan
Page: 157

Asia-Pacific bioinformatics conference 2010
Richa Malhotra
Page: 158

Research news
**Extraterrestrial mega-impacts and continental growth on the early earth**
A. V. Sankaran
Page: 160

**Opinion**

**Grassroots biodiversity conservators of Arunachal Pradesh: national recognition and reward**
Ranjay K. Singh and R. C. Srivastava
Page: 162

**Commentary**

**Conservation and collection of insects in India are mutually beneficial, NOT harmful – a simple reality explained**
Kumar Ghorpadé
Page: 163

**Scientific correspondence**

**Differential response of sesame under influence of indigenous and non-indigenous rhizosphere competent fluorescent pseudomonads**
Abhinav Aeron, Piyush Pandey and D. K. Maheshwari
Page: 166

**General articles**

**Possibility and potential of a vaccine against human chorionic gonadotropin for family planning**
Shilpi Purswani, N. K. Lohiya and G. P. Talwar
Page: 169

**Bio-business in brief: a bit about technology transfer**
Gayatri Saberwal
Page: 177

**Review article**

**Gas hydrates as alternative energy resource – seismic methods**
N. K. Thakur
Page: 181

**Research articles**

**Lifestyle-related risk factors for cardiovascular disease in a desert population of India**
Kripa Ram Haldiya, Murli L. Mathur and Raman Sachdev
Page: 190

**A macro-invertebrate based new biotic index to monitor river water quality**
Jay P. Bhatt and Maharaj K. Pandit
New drainage technologies for salt-affected waterlogged areas of southwest Punjab, India
S. K. Shakya and J. P. Singh
Page: 204

Research communications

Laboratory experiments on river-estuary geonanomaterials
Michelle Viswanathan and G. J. Chakrapani
Page: 213

Electrical structure of an unsaturated zone related to hard rock aquifer
Tanvi Arora and Shakeel Ahmed
Page: 216

Assessment of genetic diversity among basmati and non-basmati aromatic rices of India using SSR markers
A. K. P. Sivaranjani, Manish K. Pandey, I. Sudharshan, G. Ram Kumar, M. Sheshu Madhav, R. M. Sundaram, G. S. Varaprasad and N. Shobha Rani
Page: 221

Identification of suitable areas for aerobic rice cultivation in the humid tropics of eastern India
D. K. Mandal, C. Mandal, P. Raja and S. N. Goswami
Page: 227

Lichenometric studies in vicinity of Pindari Glacier in the Bageshwar district of Uttarakhand, India
Santosh Joshi and D. K. Upreti
Page: 231

Inter- and intra-generic grafting in seaweeds in the Indian coasts
Nivedita Sahu, M. Ganesan and K. Eswaran
Page: 235

Errata

Anomalous cooling over the Arabian Sea during February 2008
Page: 239

P. C. Vaidya (1918–2010)
[Jayant V. Narlikar, Curr. Sci., 2010, 98, 1389]
Page: 239

Book reviews

Flowering Plants of Indian Institute of Science: A Field Guide, K. Sankara Rao
reviewed by K. V. Prasad
Page: 240

An Introduction to Relativity, Jayant Narlika
reviewed by Cihan Saçlıoğlu
Page: 241

reviewed by Shekhar C. Mande
Page: 242
Current Science


Editorial

Drug Resistant Bacteria and the Global Economy
P. Balaram
Page: 409

Correspondence

‘Impact factor’ and ‘we also ran’ syndrome
S. C. Lakhotia
Page: 411

Carbon credits: today’s new currency mantra
Sharad Bissa and A. Bohra
Page: 411

Revising India’s water policy: need for a process
T. N. Narasimhan
Page: 412

Socio-legal aspects of earthquake prediction
Arun Bapat
Page: 413

Scenario of science Ph Ds produced in India by 12th five-year plan
S. A. Hasan, S. Khilnani and R. Luthra
Page: 414

The history of ‘two cultures’: can we bridge the gulf?
C. Subba Rao and C. Kavitha
Page: 415

Water: an eco-friendly and energy-efficient resource for milling in rural Arunachal Pradesh
Ashish Paul and Mohamed Latif Khan
Page: 417

BSI contribution to floral documentation and conservation
M. Sanjappa, P. Venu and P. V. Prasanna
Page: 418

Urophysa rockii Ulbr., a rare and endangered plant needs urgent conservation
Du Baoguo and Yang Fengli
Page: 419
Some additional aspects of gender asymmetry
Bhupati Chakrabarti
Page: 420

News

Climate change, REDD and biocultural diversity: consultations and grassroots initiative with indigenous people of Arunachal Pradesh
Ranjay K. Singh and Igul Padung
Page: 421

Research news

Climate change: the role of plant physiology
V. T. Yadugiri
Page: 423

Carbones: divalent C(0) compounds
Dhilon S. Patel and Prasad V. Bharatam
Page: 425

In conversation

The Ashtavaidya medical tradition of Kerala
V. T. Yadugiri
Page: 427

Opinion

What else can we do to enhance the scientific potential of India?
A. K. Singhvi and Aakanksha Singhvi
Page: 432

Losing one million hectare net sown area in India
K. D. Sharma
Page: 433

Scientific correspondence

Coalescence can be very recent in exploding populations
K. B. Athreya
Page: 436

Genetic fidelity of long-term micropropagated plantlets of Valeriana wallichii – an endangered medicinal plant
Priyanka Verma, Priyanka Srivastava, Subhash C. Singh and Archana Mathur
Page: 436

General articles
Copenhagen and the ‘BASIC’ countries: some basic differences between the Indian and Chinese emissions
James Jacob
Page: 439

Greening India Mission
N. H. Ravindranath and I. K. Murthy
Page: 444

The subcellular basis of seed priming
Anuradha Varier, Alice Kuriakose Vari and Malavika Dadlani
Page: 450

Review article

Free energy barriers in protein folding and unfolding reactions
Santosh Kumar Jha and Jayant B. Udgaonkar
Page: 457

Research articles

Decoding coherent information in femtosecond shaped laser pulses
Indrajit Bhattacharyya, Aveek Dutta, Sumit Ashtekar, Sandeep Kumar Maurya and Debabrata Goswami
Page: 476

Fluctuations in productivity and denitrification in the southeastern Arabian Sea during the Late Quaternary
Pratima M. Kessarkar, V. Purnachandra Rao, S. W. A. Naqvi, Allan R. Chivas and T. Saino
Page: 485

Placer chromite along south Maharashtra, central west coast of India
A. R. Gujar, N. V. Ambre, S. D. Iyer, P. G. Mislankar and V. J. Loveson
Page: 492

Evaluation of habitat suitability models for four sympatric ungulate species in Pathri Rao Watershed adopting geo-statistical modelling
Bilal Habib, Tanweer A. Dar, Jamal A. Khan and S. P. S. Kushwaha
Page: 500

Research communications

Binding capacity and root penetration of seven species selected for revegetation of uranium tailings at Jaduguda in Jharkhand, India
Lal Singh and Prafulla Soni
Page: 507

Parallel response between gametophyte and sporophyte for Fusarium wilt resistance in the recombinant inbred lines of chickpea (Cicer arietinum L.)
D. Ratna Babu and R. L. Ravikumar
Some observations on the determination of platinum group elements and gold in black shales
N. Berdnikov, V. Balaram, A. Cherepanov, D. Avdeev, N. Konovalova and G. Sukharulidze
Page: 518

Seismic vulnerability and risk in the Himalayan township of Mussoorie, Uttarakhand, India
Piyoosh Rautela, Girish Chandra Joshi and Bhupendra Bhaïsora
Page: 521

Book reviews

Acharya Jagadish Chandra Basu: A Tribute on his 150th Birth Anniversary, Nitai Chandra Mandal
reviewed by D. P. Sen Gupta
Page: 527

Knowledge to Policy – Making the Most of Development Research, Fred Carden
reviewed by R. S. Deshpande
Page: 528
Current Science

Volume 99, Issue. 5 (10 september 2010)

Editorial

The Trouble With Science
P. Balaram
Page: 553

Correspondence

Science and earth sciences
T. N. Narasimhan
Page: 555

Will India’s mega-census leave a mega-footprint?
Gopalasamy Reuben Clements, Xingli Giam and William F. Laurance
Page: 556

Is agriculture education in shambles?
Irfan Ali Shah and S. Sepat
Page: 556

Cryopreservation of elite temperate mulberry germplasm
M. S. Rathore, Y. Srinivasulu, Aftab Shabnam, R. Kour, A. Dhar and M. A. Khan
Page: 557

The Bhopal tragedy
M. Vijayan
Page: 557

Arabian Sea tephra
A. R. Nambiar and P. V. Sukumaran
Page: 558

Nectar robbery in mangroves
Palatty Allesh Sinu
Page: 558

Habitat of flamingos
Chiranjibi Pattanaik, S. Narendra Prasad and Lalitha Vijayan
Page: 559

Survival of Great Pied Hornbills in Arunachal Pradesh
K. B. Muthamizh Selvan
Page: 560

News
Taking botany to masses: a certificate course in field botany
Vinaya S. Ghate and Mandar N. Datar
Page: 561

Water wars and resolution
Richa Malhotra
Page: 562

C. V. Raman memorial lecture
Geethanjali Monto
Page: 563

Research news

Tetraquark sighting at Belle?
B. Ananthanarayan, I. Sentitemsu Imsong and Kaumudi H. Prabhakara
Page: 565

Structure of an enzyme revealed 80 years after it was crystallized – differential functional behaviour of plant and microbial ureases uncovered
N. Yathindra
Page: 566

Technical note

Utility of a reflector for energy saving in plant tissue and algal culture laboratories
Ravi Kanth Reddy Sathi, Uma Devi Koduru and Akbar Ali Khan Pathan
Page: 569

Scientific correspondence

Spongy tissue in ‘Alphonso’ mango. III. Radiotracer evidence for increased mobilization of water from mesocarp to seed
V. Ravindra, S. Shivashankar, T. Muraleedhara Reddy and S. C. Kotur
Page: 571

An unusual composition of the plant species towards zone of ablation (Tipra glacier), Garhwal Himalaya
Charan S. Rana, V. Rana and M. P. S. Bisht
Page: 574

General articles

Scientometric analysis of some disciplines: Comparison of Indian institutions with other international institutions
K. P. Raghuraman, Romesh Chander and Giridhar Madras
Page: 577

Enhancing crop water productivity to ameliorate groundwater decline
S. S. Prihar, V. K. Arora and S. K. Jalota
Page: 588

**DNA barcoding: access to biodiversity and benefit-sharing policy issues in the Indian context**
Haribabu Ejnavarzala
Page: 594

**Research account**

**Lysimeter application for measuring the water and solute fluxes with high precision**
R. Meißner, M. N. V. Prasad, G. Du Laing and J. Rinklebe
Page: 601

**Research articles**

**Anthropogenic impacts on the sediment flux in two alpine watersheds of the Lesser Himalayas**
Omvir Singh, Pratat Singh, A. Sarangi, Milap C. Sharma and Sanjeev Kumar
Page: 608

**Geobotanical and biogeochemical study of chromite bearing areas of Nuggihalli schist belt, Karnataka**
C. N. Rashmi, B. C. Prabhakar, R. V. Gireesh, B. Suresh, R. Nijagunaiah and R. M. Ranganath
Page: 619

**Monitored natural attenuation as a remediation tool for heavy metal contamination in soils in an abandoned gold mine area**
A. Keshav Krishna, K. Rama Mohan and N. N. Murthy
Page: 628

**Research communications**

**Metallographical studies of a steel chisel found at Mahurjhari, Vidarbha, Maharashtra**
P. P. Deshpande, R. K. Mohanty and V. S. Shinde
Page: 636

**Influence of levels of genetic diversity on fruit quality in teak (Tectona grandis L.f.)**
N. Lyngdoh, Geeta Joshi, G. Ravikanth, R. Uma Shaanker and R. Vasudeva
Page: 639

**Comparative morphometric, physiological and chemical studies of wild and cultivated plant types of Withania somnifera (Solanaceae)**
Chandrika Joshi, Narendra Gajbhiye, Arunkumar Phurailatpam, K. A. Geetha and Satyabrata Maiti
Page: 644

**Bamboo resources mapping using satellite technology**
J. Goswami, L. Tajo and K. K. Sarma
Gravity anomalies of 2D fault structures with fault planes described by polynomial functions of arbitrary degree
V. Chakravarthi
Page: 654

Need to intensify base metal exploration activities in Mikir Hills, northeastern India
D. Majumdar
Page: 656

Distribution, abundance, group size and demography of dark-bellied bonnet macaque
Macaca radiata radiata in Karnataka, South India
H. N. Kumara, Mewa Singh, Shanthala Kumar and Anindya Sinha
Page: 663

Book reviews

reviewed by G. M. Hegde
Page: 668

In the Shadow of Slavery: Africa’s Botanical Legacy in the Atlantic World, J. A. Carney and R. N. Rosomoff
reviewed by N. M. Nayar
Page: 669

Historical note

Reason, science and religion: gleanings from the Colonial Past
Deepak Kumar
Page: 671
Current Science

Volume 99, Issue 6 (25 September 2010)

Editorial

Science: Pressures of a Changing Age
P. Balaram
Page: 709

Correspondence

Libraries, journals and publishers: a response
N. Vasantha Raju
Page: 711

Survey of plant and animal wealth of India
Basavaraj Kore
Page: 711

Attending international conferences – the funding blues
Jagmohan Singh
Page: 712

Prioritizing the criteria for location of Innovation University/IIT across India
Digambara Patra
Page: 712

Short-term courses on radioactivity for technical personnel
S. N. Balasubrahmanyam
Page: 713

Catfish Clarias is vanishing from the waters of Kerala
V. V. Binoy
Page: 714

‘Mauhak’ – yet another mystery in the dictionary of bamboo flowering
Ch. Sadananda, Salam Dilip, L. B. Singha and M. L. Khan
Page: 714

Tackling salinity in Indian vertisols for food security
Subhash Chand
Page: 716

News

Crystallizing new partnerships
Sandeep Verma
Diagnostics in infections
Richa Malhotra and Geethanjali Monto
Page: 718

Research news

Deep plumes, kimberlites and diamonds – a peep inside the earth through time
S. Das Sharma and D. S. Ramesh
Page: 720

Commentary

India registers plant varieties under PPV&FR Act, 2001
Page: 723

The drying up of River Ganga: an issue of common concern to both India and Bangladesh
H. S. Sen
Page: 725

Opinion

Higher education in India: in search of the teacher
Maharaj K. Pandit
Page: 728

Scientific correspondence

Total electron content in peninsular India during the eclipse of 15 January 2010
P. Galav, Shweta Sharma and R. Pandey
Page: 731

Adaptive responses underpinning speciation in Pedicularis L. (Scrophulariaceae)
Arti Garg
Page: 733

Occurrence of cyanobacteria–diatom symbiosis in the Bay of Bengal: implications in biogeochemistry
Vinayak V. Kulkarni, Rajath R. Chitari, Dhiraj D. Narale, Jagadish S. Patil and Arga Chandrashekar Anil
Page: 736

General articles

Highly cited papers from India and China
Muthu Madhan, G. Chandrasekar and Subbiah Arunachalam
Page: 738
First nodule to first mine-site: development of deep-sea mineral resources from the Indian Ocean
Rahul Sharma
Page: 750

Review article

Nanoporous zeolites in farming: current status and issues ahead
Kulasekaran Ramesh, Ashis Kumar Biswas, Jayaraman Somasundaram and Annangi Subba Rao
Page: 760

Research articles

Forecast of the track and intensity of the tropical cyclone AILA over the Bay of Bengal by the global spectral atmospheric model VARSHA
B. K. Basu and K. Bhagyalakshmi
Page: 765

Intrinsic and scattering attenuation in Chedrang Fault and its vicinity – the rupture area of Great Assam earthquake of 12 June 1897 (M = 8.7)
Saurabh Baruah, Devajit Hazarika, Aditya Kalita and Sumana Goswami
Page: 775

Research communications

Magnetic moments in the Fe–Co system
M. L. Bhatia
Page: 785

On acoustic theory of conch shell
Saroj Kumar Rath and P. C. Naik
Page: 790

Studies on Makhana (Euryale ferox Salisbury)
Arvind Kumar Verma, B. K. Banerji, Debasis Chakrabarty and S. K. Datta
Page: 795

Effects of plot size and shape on the encounter rate of ungulate faecal pellet groups and abundance estimate precision
Athar Noor, Bilal Habib and Satish Kumar
Page: 800

Coprolites from the lower Miocene Baripada beds of Orissa
K. Milankumar Sharma and Rajeev Patnaik
Page: 804

Deep-ocean exploration using remotely operated vehicle at gas hydrate site in Krishna–Godavari basin, Bay of Bengal
Trophic status and ecological studies of the Ambazari Lake, Nagpur, Maharashtra, based on sedimentary diatoms
Sumedh K. Humane, Poonam R. Bokade, Samaya S. Humane and Anup S. Wankhade
Page: 816

Soil organic carbon – the most reliable indicator for monitoring land degradation by soil erosion
K. Rajan, A. Natarajan, K. S. Anil Kumar, M. S. Badrinath and R. C. Gowda
Page: 823

Book reviews

Community Ecology of Tropical Birds, E. A. Jayson and C. Sivaperuman
reviewed by R. J. Ranjit Daniels
Page: 828

reviewed by C. P. Rajendran
Page: 829

Vulnerable India: A Geographical Study of Disasters, Anu Kapur
reviewed by V. S. Ramamurthy
Page: 831
Demography

Volume 47, Issue. 3(August 2010)

Contents

Shifting coresidence near the end of life: Comparing decedents and survivors of a follow-up study in China
Z Zimmer and K Korinek
Page: 537

Social, behavioural and biological factors and sex differences in mortality
R G Rogers, B G Everett, J M S Onge and P M Krueger
Page: 555

Preliminary evidences regarding the hypothesis that the sex ratio at sexual maturity may affect longevity in men
L Jin, F Elwert, J Freese and N A Christakis
Page: 579

Incarcerating death: Mortality in U.S. state correctional facilities, 1985-1998
E J Patterson
Page: 587

Measuring years of inactivity, years in retirement, time to retirement and age at retirement within the markov model
G R Skoog and J E Ciecka
Page: 609

Knox meets cox: Adapting epidemiological space-time statistics to demographic studies
C P Schmertmann, R M Assuncao and J E Potter
Page: 629

Nonresponse in repeat population-based voluntary counseling and testing for HIV in rural Malawi
F Obare
Page: 651

Gender scripts and age at marriage in India
S Desai and L Andrist
Page: 667

Early teen marriage and future poverty
G B Dahi
Page: 689

Reassessing the link between premarital cohabitation and marital instability
S Reinhold
Pathways to educational homogamy in marital and cohabiting unions
C R Schwartz
Page: 735

Nontraditional families and childhood progress through school
M J Rosenfeld
Page: 755

Family and neighborhood sources of socioeconomic inequality in children’s achievement
N Sastry and A R Pebley
Page: 777

Immigrants and natives in U.S. Science and Engineering Occupations, 1994-2006
M Sana
Page: 801
Health Policy and Planning

Volume 25, Issue. 1(January 2010)

Review

A systematic review of the evidence on integration of targeted health interventions into health systems
Rifat Atun, Thyra de Jongh, Federica Secci, Kelechi Ohiri, and Olusoji Adeyi
Page: 1

Original articles

Eliciting policymakers’ and stakeholders’ opinions to help shape health system research priorities in the Middle East and North Africa region
Fadi El-Jardali, Jihad Makhoul, Diana Jamal, Michael Kent Ranson, Nabil M Kronfol, and Victoria Tchaghchagian
Page: 15

Comparative cost analysis of insecticide-treated net delivery strategies: sales supported by social marketing and free distribution through antenatal care
Manuela De Allegri, Paul Marschall, Steffen Flessa, Justin Tiendrebéogo, Bocar Kouyaté, Albrecht Jahn, and Olaf Müller
Page: 28

Learning from international policies on trans fatty acids to reduce cardiovascular disease in low- and middle-income countries, using Mexico as a case study
Carolina Pérez-Ferrer, Karen Lock, and Juan A Rivera
Page: 39

Child immunization coverage in urban slums of Bangladesh: impact of an intervention package
Md Jasim Uddin, Charles P Larson, Elizabeth Oliveras, A I Khan, M A Quaiyum, and Nirod Chandra Saha
Page: 50

“This body does not want free medicines”: South African consumer perceptions of drug quality
Aarti Patel, Robin Gauld, Pauline Norris, and Thomas Rades
Page: 61

Medicine prices in urban Mozambique: a public health and economic study of pharmaceutical markets and price determinants in low-income settings
Giuliano Russo and Barbara McPake
Page: 70
Health Policy and Planning

Volume 25, Issue. 2(March 2010)

Review

Scaling up in international health: what are the key issues?
Lindsay J Mangham and Kara Hanson
Page: 85

Commentary: Managing scaling up: what are the key issues?
Lucy Gilson and Helen Schneider
Page: 97

Commentary: Trade-offs in scaling up HIV treatment in South Africa
Susan M Cleary
Page: 99

Commentary: Global health initiatives: opportunities or challenges?
Viroj Tangcharoensathien and Walaiporn Patcharanarumol
Page: 101

Original articles

Integration of targeted health interventions into health systems: a conceptual framework for analysis
Rifat Atun, Thyra de Jongh, Federica Secci, Kelechi Ohiri, and Olusoji Adeyi
Page: 104

Household surveillance of severe neonatal illness by community health workers in Mirzapur, Bangladesh: coverage and compliance with referral
Page: 112

The rise and fall of supervision in a project designed to strengthen supervision of Integrated Management of Childhood Illness in Benin
Alexander K Rowe, Faustin Onikpo, Marcel Lama, and Michael S Deming
Page: 125

Contracting for health and curative care use in Afghanistan between 2004 and 2005
Aneesa Arur, David Peters, Peter Hansen, Mohammad Ashraf Mashkoor, Laura C. Steinhardt, and Gilbert Burnham
Page: 135

Community health insurance in Gudalur, India, increases access to hospital care
Willingness to pay for community-based health insurance in Nigeria: do economic status and place of residence matter?
Obinna Onwujekwe, Ekechi Okereke, Chima Onoka, Benjamin Uzochukwu, Joses Kirigia, and Amos Petu
Page: 155

A medication-estimated health status measure for predicting primary care visits: the Long-Term Therapeutic Groups Index
Abdullah AH Dhabali and Rahmat Awang
Page: 162
Health Policy and Planning

Volume 25, Issue. 3(May 2010)

Review

The National Strategic Plan of South Africa: what are the prospects of success after the repeated failure of previous AIDS policy?
Edwin Wouters, HCJ van Rensburg, and H Meulemans
Page: 171

Original articles

Country-level governance of global health initiatives: an evaluation of immunization coordination mechanisms in five countries of Asia
John Grundy
Page: 186

From public to private and back again: sustaining a high service-delivery level during transition of management authority: a Cambodia case study
Bart Jacobs, Jean-Marc Thomé, Rob Overtoom, Sam Oeun Sam, Lorenz Indermühle, and Neil Price
Page: 197

Health care utilization in Ecuador: a multilevel analysis of socio-economic determinants and inequality issues
Daniel F López-Cevallos and Chunhuei Chi
Page: 209

Prices, availability and affordability of essential medicines in rural areas of Hubei Province, China
Hao Yang, Hassan H Dib, Minmin Zhu, Gang Qi, and Xinping Zhang
Page: 219

Willingness to pay for zinc treatment of childhood diarrhoea in a rural population of Bangladesh
Shamima Akhter and Charles P Larson
Page: 230

Expenditure on obstetric care and the protective effect of insurance on the poor: lessons from two Indonesian districts
Zahidul Quayyum, Mardiati Nadjib, Tim Ensor, and Purwa Kurnia Sucahya
Page: 237

Commentary

Medical tourism: its potential impact on the health workforce and health systems in India
Indrajit Hazarika
Health Policy and Planning

Volume 25, Issue. 4(July 2010)

Original articles

Socio-economic and ethnic group inequities in antenatal care quality in the public and private sector in Brazil
CG Victora, A Matijasevich, MF Silveira, IS Santos, AJD Barros, and FC Barros
Page: 253

The effect of a poverty reduction policy and service quality standards on commune-level primary health care utilization in Thai Nguyen Province, Vietnam
Phuong Nguyen, Duong Bich Hanh, M Ruth Lavergne, Tung Mai, Quang Nguyen, James F Phillips, Jane Hughes, and Ha Van Thuc
Page: 262

The financial burden of HIV care, including antiretroviral therapy, on patients in three sites in Indonesia
Sigit Riyarto, Budi Hidayat, Benjamin Johns, Ari Probandari, Yodi Mahendradhata, Adi Utarini, Laksono Trisnantoro, and Sabine Flessenkaemper
Page: 272

Why do health systems matter? Exploring links between health systems and HIV response: a case study from Russia
Elena Tkatchenko-Schmidt, Rifat Atun, Martin Wall, Patrick Tobi, Jürgen Schmidt, and Adrian Renton
Page: 283

The response to flexibility: country intervention choices in the first four rounds of the GAVI Health Systems Strengthening applications
Lieve Goeman, Benedicte Galichet, Denis G Porignon, Peter S Hill, Naima Hammami, Marthe-Sylvie Essengue Elouma, Patrick Y Kadama, and Wim Van Lerberghe
Page: 292

Exploring the determinants of unsafe abortion: improving the evidence base in Mexico
Angelica Sousa, Rafael Lozano, and Emmanuela Gakidou
Page: 300

Challenges to maternal health care utilization among ethnic minority women in a resource-poor region of Sichuan Province, China
Amanda Harris, Yun Zhou, Hua Liao, Lesley Barclay, Weiyue Zeng, and Yu Gao
Page: 311

Exploring referral systems for injured patients in low-income countries: a case study from Cambodia
Shinji Nakahara, Saly Saint, Sary Sann, Masao Ichikawa, Akio Kimura, Lycheng Eng, and Katsumi Yoshida
Page: 319
Patient costs for paediatric hospital admissions in Tanzania: a neglected burden
Priyanka Saksena, Hugh Reyburn, Boniface Njau, Semkini Chonya, Hilda Mbakilwa, and Anne Mills
Page: 328

The effects of pay-for-performance on tuberculosis treatment in Taiwan
Ya-Hsin Li, Wen-Chen Tsai, Mahmud Khan, Wen-Ta Yang, Tsuey-Fong Lee, Yi-Chun Wu, and Pei-Tseng Kung
Page: 334
Fertility and Sterility

Volume 94, Issue 3(August 2010)

Modern trends

Optimizing the technique of embryo transfer
Lindsay Mains, Bradley J. Van Voorhis
Page: 785-790

Editor's corner

Assessing the reproductive competence of individual embryos: a proposal for the validation of new “-omics” technologies
Richard T. Scott, Nathan R. Treff
Page: 791-794

Special contributions

Adipose tissue and reproduction in women
Henry Bohler, Sriprakash Mokshagundam, Stephen J. Winters
Page: 795-825

Not all women diagnosed with PCOS share the same cardiovascular risk profiles
Vuk P. Jovanovic, Enrico Carmina, Rogerio A. Lobo
Page: 826-832

Ectopic pregnancy

The expression of inducible nitric oxide synthase in the human fallopian tube during the menstrual cycle and in ectopic pregnancy
Majedah Al-Azemi, Bassem Refaat, Saad Amer, Bolarinde Ola, Neil Chapman, William Ledger
Page: 833-840

Endometriosis

The growth hormone–releasing hormone (GHRH) antagonist JV-1-36 inhibits proliferation and survival of human ectopic endometriotic stromal cells (ESCs) and the T HESC cell line
Marta Annuunziata, Cristina Grande, Francesca Scarlatti, Francesco Deltetto, Elena Delpiano, Marco Camanni, Ezio Ghigo, Riccarda Granata
Page: 841-849

Vaginal parturition decreases recurrence of endometriosis
Carlo Bulletti, Anna Montini, Paolo Levi Setti, Antonio Palagiano, Filippo Ubaldi, Andrea Borini
Page: 850-855
Conservative laparoscopic management of urinary tract endometriosis (UTE): surgical outcome and long-term follow-up
Renato Seracchioli, Mohamed Mabrouk, Giulia Montanari, Linda Manuzzi, Sergio Concetti, Stefano Venturoli
Page: 856-861

Diagnosis, laparoscopic management, and histopathologic findings of juvenile cystic adenomyoma: a review of nine cases
Hiroyuki Takeuchi, Mari Kitade, Iwaho Kikuchi, Jun Kumakiri, Keiji Kuroda, Makoto Jinushi
Page: 862-868

Genetics
The effect of CGG repeat number on ovarian response among fragile X premutation carriers undergoing preimplantation genetic diagnosis
Guy Bibi, Mira Malcov, Yaron Yuval, Adi Reches, Dalit Ben-Yosef, Beni Almog, Ami Amit, Foad Azem
Page: 869-874

Comprehensive chromosome screening of polar bodies and blastocysts from couples experiencing repeated implantation failure
Elpida Fragouli, Mandy Katz-Jaffe, Samer Alfarawati, John Stevens, Pere Colls, N-neka Goodall, Sophia Tormasi, Cristina Gutierrez-Mateo, Renata Prates, William B. Schoolcraft, Santiago Munne, Dagan Wells
Page: 875-887

Infertility
A randomized clinical trial to evaluate optimal treatment for unexplained infertility: the fast track and standard treatment (FASTT) trial
Richard H. Reindollar, Meredith M. Regan, Peter J. Neumann, Bat-Sheva Levine, Kim L. Thornton, Michael M. Alper, Marlene B. Goldman
Page: 888-899

In vitro fertilization
The effectiveness of intracytoplasmic sperm injection combined with piezoelectric stimulation in infertile couples with total fertilization failure
Volkan Baltaci, Özge Üner Ayvaz, Evrim Ünsal, Yasemin Aktaş, Aysun Baltacı, Feriba Turhan, Sarp Özcan, Murat Sönmezer
Page: 900-904

Repetitive oocyte donation does not decrease serum anti-Müllerian hormone levels
Orhan Bukulmez, Qin Li, Bruce R. Carr, Benjamin Leader, Kathleen M. Doody, Kevin J. Doody
Page: 905-912
Automatic user-independent zona pellucida imaging at the oocyte stage allows for the prediction of preimplantation development
Thomas Ebner, Basak Balaban, Marianne Moser, Omar Shebl, Bulent Urman, Barış Ata, Gernot Tews
Page: 913-920

Perceived negative consequences of donor gametes from male and female members of infertile couples
Michael L. Eisenberg, James F. Smith, Susan G. Millstein, Thomas J. Walsh, Benjamin N. Breyer, Patricia P. Katz, Infertility Outcomes Program Project Group
Page: 921-926

Cumulative results including obstetrical and neonatal outcome of fresh and frozen-thawed cycles in elective single versus double fresh embryo transfers
Patricia Fauque, Pierre Jouannet, Céline Davy, Juliette Guibert, Vivian Viallon, Sylvie Epelboin, Jean-Marie Kunstmann, Catherine Patrat
pages 927-935

The likelihood of live birth and multiple birth after single versus double embryo transfer at the cleavage stage: a systematic review and meta-analysis
Tarek A. Gelbaya, Ioanna Tsoumpou, Luciano G. Nardo
Page: 936-945

Duration of progesterone-in-oil support after in vitro fertilization and embryo transfer: a randomized, controlled trial
Christine S. Goudge, Theodore C. Nagel, Mark A. Damario
Page: 946-951

Follicular fluid steroid hormone levels are associated with fertilization outcome after intracytoplasmic sperm injection
Julie D. Lamb, A. Musa Zamah, Shehua Shen, Charles McCulloch, Marcelle I. Cedars, Mitchell P. Rosen
Page: 952-957

A prospective, randomized, controlled trial comparing three different gonadotropin regimens in oocyte donors: ovarian response, in vitro fertilization outcome, and analysis of cost minimization
Marco Melo, José Bellver, Nicolás Garrido, Marcos Meseguer, Antonio Pellicer, José Remohí
Page: 958-964

Incidence and development of zygotes exhibiting abnormal pronuclear disposition after identification of two pronuclei at the fertilization check
David E. Reichman, Katharine V. Jackson, Catherine Racowsky
Page: 965-970

The cytogenetic constitution of embryos derived from immature (metaphase I) oocytes obtained after ovarian hyperstimulation
Deborah Strassburger, Alexandra Goldstein, Shevach Friedler, Aryeh Raziel, Esti Kasterstein, Maya Mashevich, Mory Schachter, Raphael Ron-El, Orit Reish
Male factor

Relevance of testicular sperm DNA oxidation for the outcome of ovum donation cycles
Cristóbal Aguilar, Marcos Meseguer, Sandra García-Herrero, Manuel Gil-Salom, José E. O'Connor, Nicolás Garrido
Page: 979-988

Withania somnifera improves semen quality by regulating reproductive hormone levels and oxidative stress in seminal plasma of infertile males
Mohammad Kaleem Ahmad, Abbas Ali Mahdi, Kamla Kant Shukla, Najmul Islam, Singh Rajender, Dama Madhukar, Satya Narain Shankhwar, Sohail Ahmad
Page: 989-996

Clinical studies show no effects of soy protein or isoflavones on reproductive hormones in men: results of a meta-analysis
Jill M. Hamilton-Reeves, Gabriela Vazquez, Sue J. Duval, William R. Phipps, Mindy S. Kurzer, Mark J. Messina
Page: 997-1007

Learning curves of microdissection testicular sperm extraction for nonobstructive azoospermia
Tomomoto Ishikawa, Ryuichiro Nose, Kohei Yamaguchi, Koji Chiba, Masato Fujisawa
Page: 1008-1011

Numerical chromosome abnormalities are associated with sperm tail swelling patterns
Myung-Geol Pang, Young-Ah You, Yoo-Jin Park, Shin-Ae Oh, Dai-Sik Kim, Young-Ju Kim
Page: 1012-1020

Adverse effect of paroxetine on sperm
Cigdem Tanrikut, Adam S. Feldman, Margaret Altemus, Darius A. Paduch, Peter N. Schlegel
Page: 1021-1026

Measurement of sperm DNA fragmentation using bright-field microscopy: comparison between sperm chromatin dispersion test and terminal uridine nick-end labeling assay
Li-hong Zhang, Yi Qiu, Ke-hua Wang, Qiuju Wang, Guozhen Tao, Lei-guang Wang
Page: 1027-1032

Lycopene supplementation in vitro can protect human sperm deoxyribonucleic acid from oxidative damage
Armand Zini, Maria San Gabriel, Jamie Libman
Page: 1033-1036

Menopause

Serum leptin levels, hormone levels, and hot flashes in midlife women
Carolyn Alexander, Chrissy J. Cochran, Lisa Gallicchio, Susan R. Miller, Jodi A. Flaws, Howard Zacur
Page: 1037-1043
Ovulation induction

**The antral follicle count: practical recommendations for better standardization**
Frank J.M. Broekmans, Dominique de Ziegler, Colin M. Howles, Alain Gougeon, Geoffrey Trew, Francois Olivennes
Page: 1044-1051

Polycystic ovary syndrome

**The insulin-resistant phenotype of polycystic ovary syndrome**
Pernille Fog Svendsen, Sten Madsbad, Lisbeth Nilas
Page: 1052-1058

Psychological factors

**The effect of premenstrual symptoms on activities of daily life**
Lorraine Dennerstein, Philippe Lehert, Torbjörn Carl Bäckström, Klaas Heinemann
Page: 1059-1064

Reproductive endocrinology

**GnRH agonist administration at the time of implantation does not improve pregnancy outcome in intrauterine insemination cycles: a randomized controlled trial**
José Bellver, Elena Labarta, Ernesto Bosch, Marco A.B. Melo, Carmina Vidal, José Remohí, Antonio Pellicer
Page: 1065-1071

Uterine fibroids

**Genic expression of the uterine leiomyoma in reproductive-aged women after treatment with goserelin**
Rodrigo Borsari, Nilo Bozzini, Consuelo Rodrigues Junqueira, José Maria Soares, Sandro Garcia Hilário, Edmund C. Baracat
Page: 1072-1077

**Transforming growth interacting factor expression in leiomyoma compared with myometrium**
Jason Yen-Ping Ho, Weng Chi Man, Yan Wen, Mary Lake Polan, Esther Shih-Chu Ho, Bertha Chen
Page: 1078-1083

Images in reproductive medicine

**Three-dimensional computed tomography combined with hysterosalpingography is useful for both diagnosis and treatment of iatrogenic diverticulum of the uterus**
Yoshihiko Shimizu, Hitoshi Kitahara, Wakasa Yamaguchi, Shoji Kaku, Nobuyuki Kita, Takashi Murakami
Page: 1084-1085
Techniques and instrumentation

Tactile cold scissor metroplasty as a novel backup method for hysteroscopic metroplasty
Page: 1086-1089

New tool (Laparotenser) for gasless laparoscopic myomectomy: a multicenter-controlled study
Stefano Palomba, Errico Zupi, Angela Falbo, Tiziana Russo, Daniela Marconi, Fulvio Zullo
Page: 1090-1096

Case report summaries

Epidermal inclusion cyst of the clitoris 30 years after female genital mutilation
Albert Asante, Kenan Omurtag, Carla Roberts
Page: 1097.e1-1097.e3

Molecular cytogenetic definition of a translocation t(X;15) associated with premature ovarian failure
Veronica Bertini, Paolo Ghirri, Maria Patrizia Bicocchi, Paolo Simi, Angelo Valetto
Page: 1097.e5-1097.e8

Isolated luteinizing hormone (LH) elevation in a woman with secondary amenorrhea: a clue to the diagnosis of an inhibin B–producing thecoma and insights into the influence of inhibin B on LH
Lois E. Donovan, Philippa H. Brain, Máire A. Duggan
Page: 1097.e9-1097.e12

Prolactinoma induced by estrogen and cyproterone acetate in a male-to-female transsexual
Katherine García-Malpartida, Alejandro Martín-Gorgojo, Milagros Rocha, Marcelino Gómez-Balaguer, Antonio Hernández-Mijares
Page: 1097.e13-1097.e15

Development of Asherman syndrome after conservative surgical management of intractable postpartum hemorrhage
Ciaran A. Goojha, Allison Case, Roger Pierson
Page: 1098.e1-1098.e5

Correspondence

Endometriosis at several sites, cyclic bowel symptoms, and the likelihood of the appendix being affected
Mauricio Simões Abrão, João Antonio Dias, Gustavo P. Rodini, Sergio Podgaec, Marco Antonio Bassi, Marcelo Averbach
Page: 1099-1101

Inhibition of cell proliferation, adhesion, and invasion with an anti-L1-cell adhesion molecule monoclonal antibody in an in vitro endometriosis model
Antral follicle count as a predictor of hyperresponse in controlled ovarian hyperstimulation/intrauterine insemination in unexplained sterility
Miguel A. Checa, Maria Prat, Ramón Carreras
Page: 1105-1107

B lymphocyte stimulator −817C>T promoter polymorphism and the predisposition for the development of deep infiltrating endometriosis
Aisha A. de Graaff, Gerard A.J. Dunselman, Bert Delvoux, Kim J. van Kaam, Luc J.M. Smits, Andrea Romano
Page: 1108-1110

Gonadotropin-releasing hormone agonist to induce final oocyte maturation prevents the development of ovarian hyperstimulation syndrome in high-risk patients and leads to improved clinical outcomes compared with coasting
Andrea J. DiLuigi, Lawrence Engmann, David W. Schmidt, Donald B. Maier, John C. Nulsen, Claudio A. Benadiva
Page: 1111-1114

Metaphase II human oocyte morphology: contributing factors and effects on fertilization potential and embryo developmental ability in ICSI cycles
Rita de Cássia S. Figueira, Daniela Paes de Almeida Ferreira Braga, Luciana Semião-Francisco, Camila Madaschi, Assumpto Iaconelli, Edson Borges
Page: 1115-1117

Serum antimullerian hormone (AMH) levels are elevated in adolescent girls with polycystic ovaries and the polycystic ovarian syndrome (PCOS)
Roger Hart, Dorota A. Doherty, Robert J. Norman, Stephen Franks, Jan E. Dickinson, Martha Hickey, Deborah M. Sloboda
Page: 1118-1121

Compliance with methotrexate therapy for presumed ectopic pregnancy in an inner-city population
David Jaspan, Maria Giraldo-Isaza, Vani Dandolu, Arnold W. Cohen
Page: 1122-1124

Increased expression of p21-activated kinase in adenomyosis
So Ra Kim, Sung Hoon Kim, Hoi Woul Lee, Hee Dong Chae, Chung-Hoon Kim, Byung Moon Kang
Page: 1125-1128

Preimplantation genetic diagnosis (PGD) for HLA typing: bases for setting up an open international collaboration when PGD is not available
Marina Bellavia, Nicolas Von Der Weid, Christina Peddes, Sebastien Jacquemont, Inge Liebaers, Patrick Hohlfeld, Dorothea Wunder-Galié, Dominique de Ziegler
Page: 1129-1131
Paraoxonase-1 in female infertility: a possible role against oxidative stress–induced inflammation
Judit Marsillich, Miguel Angel Checa, Juan Pedro-Botet, Ramon Carreras, Jorge Joven, Jordi Camps
Page: 1132-1134

Blastocyst quality scoring based on morphologic grading correlates with cell number
Koji Matsuura, Nobuyoshi Hayashi, Chisato Takiue, Rei Hirata, Toshihiro Habara, Keiji Naruse
Page: 1135-1137

The role of alendronate in mitigating perimenopausal bone loss: a double-blind randomized controlled pilot study
Jennifer E. Mersereau, Claire Khouri, Robert B. Jaffe
Page: 1138-1140

Tumor necrosis factor-like weak inducer of apoptosis (TWEAK)/fibroblast growth factor inducible-14 might regulate the effects of interleukin 18 and 15 in the human endometrium
Marie Petitbarat, Valérie Serazin, Sylvie Dubanchet, Robert Wayner, Philippe de Mazancourt, Gérard Chaouat, Nathalie Lédée
Page: 1141-1143

The functional genotype of glutathione S-transferase T1 gene is strongly associated with increased risk of idiopathic infertility in Russian men
Alexey V. Polonikov, Sergey L. Yarosh, Elena V. Kokhtenko, Nina I. Starodubova, Sergey P. Pakhomov, Valentina S. Orlova
Page: 1144-1147

Prolonged time to pregnancy is associated with a greater risk of adverse outcomes
Kaisa Raatikainen, Maija Harju, Maritta Hippeläinen, Seppo Heinonen
Page: 1148-1151

Standardization of grading embryo morphology
Catherine Racowsky, Michael Vernon, Jacob Mayer, G. David Ball, Barry Behr, Kimball O. Pomeroy, David Wininger, William Gibbons, Joseph Conaghan, Judy E. Stern
Page: 1152-1153

Using sperm posthumously: national guidelines versus practice
Arieh Raziel, Shevach Friedler, Deborah Strassburger, Sarit Kaufman, Ana Umansky, Raphael Ron-El
Page: 1154-1156

Should all embryos from day 1 rescue intracytoplasmic sperm injection be transferred during frozen–thawed cycles?
Nathalie Sermondade, Jean-Noël Hugues, Isabelle Cedrin-Durnerin, Christophe Poncelet, Brigitte Benzacken, Rachel Lévy, Christophe Sifer
Page: 1157-1158
Prevalence of hyperprolactinemia and abnormal magnetic resonance imaging findings in a population with infertility
Irene Souter, Lina M. Baltagi, Thomas L. Toth, John C. Petrozza
Page: 1159-1162

Surgery in advanced borderline tumors
Riccardo Viganò, Micaela Petrone, Francesca Pella, Emanuela Rabaiotti, Patrizia De Marzi, Giorgia Mangili
Page: 1163-1165

Obituaries

William Cooke Andrews
Roger D. Kempers
Page: 1166

Samuel Jan Behrman, M.D.
Edwin Peterson
Page: 1166-1167

Luigi Mastroianni, Jr., M.D.
Page: 1167-1168

C. Alvin Paulsen, M.D., 1924–2008
Richard J. Sherins
Page: 1168-1169

Herbert Holden Thomas, Jr., M.D.
Charles B. Hammond
Page: 1169

Letters to the Editor

Progesterone administration route in gonadotropin-releasing hormone antagonist cycles
Mustafa Bahceci, Ulun Ulug
Page: e47

Reply of the Authors: Progesterone administration route in gonadotropin-releasing hormone antagonist cycles
Semra Kahraman, S. Hale Karagozoglu, Guvenc Karlikaya
Page: e48

Heterotopic pregnancy: it is really a rare event? The importance to exclude it not only after in vitro fertilization but also in case of spontaneous conception
Giuseppe Maria Maruotti, Laura Sarno, Maddalena Morlando, Angelo Sirico, Pasquale Martinelli, Tiziana Russo
Page: e49
Reply of the Authors: Heterotopic pregnancy: it is really a rare event? The importance to exclude it not only after in vitro fertilization but also in case of spontaneous conception
Korula George, Mohan S. Kamath, T.K. Aleyamma
Page: e50
Comparing high-sensitivity C-reactive protein (hs-CRP) with CRP as a soluble serum marker for the diagnosis of women with endometriosis
Fatma Ferda Verit, Nese Gul Hilali
Page: e51

Reply of the Authors: Comparing high-sensitivity C-reactive protein (hs-CRP) with CRP as a soluble serum marker for the diagnosis of women with endometriosis
Johannes Lermann, Andreas Mueller, Frauke Körber, Peter Oppelt, Matthias W. Beckmann, Ralf Deitrich, Stefan P. Renner
Page: e52

Inconstancy of human sex ratios at birth
William H. James
Page: e53

Reply of the Author: Inconstancy of human sex ratios at birth
Eliana Ein-Mor, Ronit Haimov-Kochman
Page: e54

Robot-assisted laparoscopic management of a case with juvenile cystic adenomyoma
Munire Erman Akar, Kristen H. Leezer, Tamer M. Yalcinkaya
Page: e55-e56

Reply of the Authors: Robot-assisted laparoscopic management of a case with juvenile cystic adenomyoma
Jun Kumakiri, Mari Kitade, Iwaho Kikuchi, Satoru Takeda
Page: e57

Are Chinese people really more fertile?
Joseph B. Stanford, Rafael T. Mikolajczyk, David B. Dunson
Page: e58

Book reviews

Ethical Dilemmas in Fertility Counseling
Teri E. Robins
Page: 1170

Birthing a Mother, the Surrogate Body and the Pregnant Self
Carol A. Wheeler
Page: 1170-1171

Erratum
Page: 1172
Industrial Health

Volume 48, Issue 4(July 2010)

Editorial

Making Green Jobs Safe
Paul A. SCHULTE, Donna HEIDEL, Andrea OKUN and Christine BRANCHE
Page: 377-379

Original Articles

Mood Change and Perception of Workload in Australian Midwives
Jessica L. PATERSON, Jillian DORRIAN, Jan PINCOMBE, Carol GRECH and Drew DAWSON
Page: 381-389

Less Quick Returns — Greater Well-being
Tarja HAKOLA, Marja PAUKKONEN and Tiina POHJONEN
Page: 390-394

Work Schedules and Health Behavior Outcomes at a Large Manufacturer
P. Timothy BUSHNELL, Alberto COLOMBI, Claire C. CARUSO and SangWoo TAK
Page: 395-405

Field Report

Staying Safe in the Jungles of Borneo: Five Studies of Fatigue and Cultural Issues in Remote Mining Projects
Adam FLETCHER
Page: 406-415

Review Article

Characteristics and Effects of Suicide Prevention Programs: Comparison between Workplace and Other Settings
Misato TAKADA and Satoru SHIMA
Page: 416-426

Original Articles

Reduction of Adsorption Capacity of Coconut Shell Activated Carbon for Organic Vapors Due to Moisture Contents
Hironobu ABIKO, Mitsuya FURUSE and Tsuguo TAKANO
Page: 427-437

Assessment of Human Color Discrimination Based on Illuminant Color, Ambient Illumination and Screen Background Color for Visual Display Terminal Workers
Feng-Yi TSENG, Chin-Jung CHAO, Wen-Yang FENG and Sheue-Ling HWANG
Page: 438-446
Waist Circumference can Predict the Occurrence of Multiple Metabolic Risk Factors in Middle-aged Japanese Subjects
Hiroki SATOH, Satoshi FUJII, Tomoo FURUMOTO, Reiko KISHI and Hiroyuki TSUTSUI
Page: 447-451

Characteristics of Multiwall Carbon Nanotubes for an Intratracheal Instillation Study with Rats
Mitsutoshi TAKAYA, Fumio SERITA, Kazunori YAMAZAKI, Shigetoshi AISO, Hisayo KUBOTA, Masumi ASAKURA, Naoki IKAWA, Kasuke NAGANO, Heihachiro ARITO and Shoji FUKUSHIMA
Page: 452-459

Logical Consideration on Lockout and Trapped Key Interlock for Machine
Makoto KIMURA and Noboru SUGIMOTO
Page: 460-469

Brief Hourly Exercise during Night Work can Help Maintain Workers' Performance
Tomoaki SATO, Tomohide KUBO, Takeshi EBARA, Hidemaro TAKEYAMA, Tatsuki INOUE, Megumi IWANISHI, Norihide TACHI, Toru ITANI and Michihiro KAMIJIMA
Page: 470-477

Analysis of Aerosol Emission and Hazard Evaluation of Electrical Discharge Machining (EDM) Process
Mathew JOSE, S. P. SIVAPIRAKASAM and M. SURIANARAYANAN
Page: 478-486

Risk for Non-obese Japanese Workers to Develop Metabolic Syndrome
Fumi INADA, Jiro MORIGUCHI, Tomoko OKUDA, Yoko IDE, Kiriko EJIMA, Sonoko SAKURAGI, Kazuo TAKEDA, Fumiko OHASHI and Masayuki IKEDA
Page: 487-494

Efficacy of Cognitive Behavioral Therapy Training Using Brief E-mail Sessions in the Workplace: A Controlled Clinical Trial
Reiko KOJIMA, Daisuke FUJISAWA, Miyuki TAJIMA, Michi SHIBAOKA, Mitsuru KAKINUMA, Satoru SHIMA, Katsutoshi TANAKA and Yutaka ONO
Page: 495-502

Job Strain among Rubber-Glove-Factory Workers in Central Thailand
Muang Muang SEIN, Nopporn HOWTEERAKUL, Nawarat SUWANAPONG and Jirachai JIRACHEWEE
Page: 503-510

Field Report

Weight Loss Approach during Routine Follow-up is Effective for Obstructive Sleep Apnea Hypopnea Syndrome Subjects Receiving Nasal Continuous Positive Airway Pressure Treatment
Hiroko FUJII, Masayuki MIYAMOTO, Tomoyuki MIYAMOTO and Takashi MUTO
Page: 511-516
Editor's Choice

The end of the beginning for chronic disease epidemiology
George Davey Smith
Page: 1

Editorial

Information for decision making: lot quality assurance sampling in the spotlight
Paul Garner and George Davey Smith
Page: 5

Reprints and Reflections

Attitudes vs Actions
Richard T LaPiere
Page: 7

Commentary: Ethics and the rhetorical context of human research
Christopher Herrera
Page: 12

Commentary: LaPiere and methodological opportunism
Raymond M Lee
Page: 16

Commentary: The seminal contribution of Richard LaPiere’s attitudes vs actions (1934) research study
Michael W Firmin
Page: 18

Commentary: Not all attitudes are created equal
Lee Sechrest
Page: 21

Diversion

The antecedents of epidemiological methodology in Arthur Mitchell’s surveillance and care of the insane
George Davey Smith
Page: 25

Photoessay

Images of remembrance
**Cochrane Column**

Taryn Young

Page: 32

**Cohort Profiles**

**Cohort profile: The Hertfordshire Ageing Study (HAS)**
H E Syddall, S J Simmonds, H J Martin, Clare Watson, E M Dennison, C Cooper, A Aihie Sayer, and for the Hertfordshire Cohort Study Group

Page: 36

**Cohort profile: The Dynamic Analyses to Optimize Ageing (DYNOPTA) project**

Page: 44

**Cohort Profile: The Golestan Cohort Study—a prospective study of oesophageal cancer in northern Iran**

Page: 52

**Theme: Methodology, Theory and Application**

**LQAS: User Beware**
Dale A Rhoda, Soledad A Fernandez, David J Fitch, and Stanley Lemeshow

Page: 60

**Commentary: Understanding practical lot quality assurance sampling**
Marcello Pagano and Joseph J Valadez

Page: 69

**An assessment of Lot Quality Assurance Sampling to evaluate malaria outcome indicators: extending malaria indicator surveys**
Caitlin Biedron, Marcello Pagano, Bethany L H edt, Albert Kilian, Amy Ratcliffe, Samuel Mabunda, and Joseph J Valadez

Page: 72

**Bias correction of estimates of familial risk from population-based cohort studies**
Monica Leu, Kamila Czene, and Marie Reilly

Page: 80
How to assess the external validity of therapeutic trials: a conceptual approach
O M Dekkers, E von Elm, A Algra, J A Romijn, and J P Vandenbroucke
Page: 89

Commentary: External validity of results of randomized trials: disentangling a complex concept
Peter M Rothwell
Page: 94

Causal thinking and complex system approaches in epidemiology
Sandro Galea, Matthew Riddle, and George A Kaplan
Page: 97

Sensitivity analyses to estimate the potential impact of unmeasured confounding in causal research
Rolf H H Groenwold, David B Nelson, Kristin L Nichol, Arno W Hoes, and Eelko Hak
Page: 107

Modelling relative survival in the presence of incomplete data: a tutorial
Ula Nur, Lorraine G Shack, Bernard Rachet, James R Carpenter, and Michel P Coleman
Page: 118

Infectious Diseases

Sibship size, Helicobacter pylori infection and chronic atrophic gastritis: a population-based study among 9444 older adults from Germany
Lei Gao, Melanie N Weck, Elke Raum, Christa Stegmaier, Dietrich Rothenbacher, and Hermann Brenner
Page: 129

Causes of death in HIV-infected women: persistent role of AIDS. The ‘Mortalité 2000 & 2005’ Surveys (ANRS EN19)
Page: 135

Commentary: Treated HIV infection is a chronic disease: the case against cause of death analyses
Amy C Justice
Page: 146

A consistent log-linear relationship between tuberculosis incidence and body mass index
Knut Lönnroth, Brian G Williams, Peter Cegielski, and Christopher Dye
Page: 149

Cancer

Does screening history explain the ethnic differences in stage at diagnosis of cervical cancer in New Zealand?
Sexual behaviours and the risk of head and neck cancers: a pooled analysis in the International Head and Neck Cancer Epidemiology (INHANCE) consortium
Page: 166

Cessation of alcohol drinking, tobacco smoking and the reversal of head and neck cancer risk
Page: 182

Diabetes
Dietary patterns and the risk of mortality: impact of cardiorespiratory fitness
Mariane Héroux, Ian Janssen, Miu Lam, Duck-chul Lee, James R Hebert, Xuemei Sui, and Steven N Blair
Page: 197

Commentary: Relative importance of diet vs physical activity for health
Eric L Ding and Frank B Hu
Page: 209

Commentary: Physical fitness: confounder or intermediary variable in the association of diet with health outcomes?
Tobias Pischon
Page: 211

Author's Response: Dietary patterns and the risk of mortality: impact of cardiorespiratory fitness
Mariane Héroux and Ian Janssen
Page: 213

Resting heart rate and blood pressure, independent of each other, proportionally raise the risk for type-2 diabetes mellitus
Teruo Nagaya, Hideyo Yoshida, Hidekatsu Takahashi, and Makoto Kawai
Commentary: Heart rate and blood pressure: risk factors or risk markers?
Mercedes R Carnethon
Page: 223

Cardiovascular Disease

Abdominal aortic aneurysms, or a relatively large diameter of non-aneurysmal aortas, increase total and cardiovascular mortality: the Tromsø study
Signe Helene Forsdahl, Steinar Solberg, Kulbir Singh, and Bjarne K Jacobsen
Page: 225

Daytime napping and mortality, with a special reference to cardiovascular disease: the JACC study
Naohito Tanabe, Hiroyasu Iso, Nao Seki, Hiroshi Suzuki, Hiroshi Yatsuya, Hideaki Toyoshima, Akiko Tamakoshi, and for the JACC Study Group
Page: 233

How willing are the public to pay for anti-hypertensive drugs for primary prevention of cardiovascular disease: a survey in a Chinese city
Jin-Ling Tang, Wei-Zhong Wang, Jian-Gang An, Yong-Hua Hu, Shi-Hua Cheng, and Sian Griffiths
Page: 244

Commentary: The challenge of prevention in China
Sarah M McGhee and Anthony J Hedley
Page: 254

Long-term association of routine blood count (Coulter) variables on fatal coronary heart disease: 30-year results from the first prospective Northwick Park Heart Study (NPHS-I)
Costanza Pizzi, Bianca L De Stavola, and Tom W Meade
Page: 256

Social Epidemiology

Action towards healthy living—for all
JN Morris, Christopher Deeming, Paul Wilkinson, and Alan D Dangour
Page: 266

Ann Oakley
Page: 274

Neighbourhood food environment and area deprivation: spatial accessibility to grocery stores selling fresh fruit and vegetables in urban and rural settings
Dianna M Smith, Steven Cummins, Mathew Taylor, John Dawson, David Marshall, Leigh Sparks, and Annie S Anderson
Page: 277
Child development in a birth cohort: effect of child stimulation is stronger in less educated mothers
Aluíso JD Barros, Alícia Matijasevich, Iná S Santos, and Ricardo Halpern
Page: 285

Commentary: Early stimulation and child development
Susan P Walker
Page: 294

Pediatrics

Does breastfeeding protect against childhood overweight? Hong Kong's ‘Children of 1997’ birth cohort
Man Ki Kwok, C Mary Schooling, Tai Hing Lam, and Gabriel M Leung
Page: 297

Commentary: Assessing the impact of breastfeeding on child health: where conventional methods alone fall short for reliably establishing causal inference
Marie-Jo Brion
Page: 306

Letters to the Editor

Raising the bar on telomere epidemiology
Silvia Ehrlenbach, Peter Willeit, Stefan Kiechl, Johann Willeit, Markus Reindl, Kathrin Schanda, Florian Kronenberg, and Anita Brandstätter
Page: 308

Chronic disease prevention: the importance of calls to action
Perviz Asaria, Robert Beaglehole, Dan Chisholm, Thomas A Gaziano, Richard Horton, Steven Leeder, Stephen S. Lim, Colin Mathers, Srinath Reddy, Kathleen Strong, and Janet Voute
Page: 309

Chronic diseases and calls to action
G. De Backer and M Kornitzer
Page: 310

Author's Response
Shah Ebrahim
Page: 312

Hygiene hypothesis: wanted—dead or alive
Allan Linneberg
Page: 313

Author's Response Hygiene hypothesis: wanted—dead or alive
Jeroen Douwes and Neil Pearce
Page: 314
Book Reviews

Sourabh Dutta
Page: 318

Environmental Epidemiology—Principles and Methods. RM Merrill.
Anke Huss
Page: 319

H. Ross Anderson
Page: 320
Editor's Choice

Rapid responses, population prevention and being bored to death
Shah Ebrahim
Page: 323

Editorial

On our rural heritage: republic
DA Powell
Page: 327

Reprints and Reflections

Statistical methods in genetics
RA Fisher
Page: 329

Commentary: On RA Fisher’s Bateson lecture on statistical methods in genetics
Select this articleJoan Fisher Box
Page: 335

Commentary: ‘Statistical Methods in Genetics’ by Sir Ronald A Fisher
David J Finney
Page: 339

Commentary: Connections between genetics and statistics: a commentary on Fisher’s 1951 Bateson lecture—‘Statistical Methods in Genetics’
Walter F Bodmer
Page: 340

Cohort Profiles

Cohort Profile: The Scottish Health Surveys Cohort: linkage of study participants to routinely collected records for mortality, hospital discharge, cancer and offspring birth characteristics in three nationwide studies
Linsay Gray, G David Batty, Peter Craig, Catherine Stewart, Bruce Whyte, Alan Finlayson, and Alastair H Leyland
Page: 345

Cohort Profile: Mamanengane or the Africa Centre Vertical Transmission Study
RM Bland, HM Coovadia, A Coutsoudis, NC Rollins, and ML Newell
Page: 351
Cohort Profile: Risk patterns and processes for psychopathology emerging during adolescence: the ROOTS project
Ian M Goodyer, Tim Croudace, Valerie Dunn, Joe Herbert, and Peter B Jones
Page: 361

Diversion

Bored to death?
Annie Britton and Martin J Shipley
Page: 370

Social Inequalities in Health

Rose's population strategy of prevention need not increase social inequalities in health
Lindsay McLaren, Lynn McIntyre, and Sharon Kirkpatrick
Page: 372

Commentary: Structure or agency? The importance of both for addressing social inequalities in health
Katherine L Frohlich and Louise Potvin
Page: 378

Commentary: Assessing population (baseline) risk is a cornerstone of population health planning—looking forward to address new challenges
Douglas G Manuel and Laura C Rosella
Page: 380

House value as an indicator of cumulative wealth is strongly related to morbidity and mortality risk in older people: a census-based cross-sectional and longitudinal study
Sheelah Connolly, Dermot O'Reilly, and Michael Rosato
Page: 383

Comparative appraisal of educational inequalities in overweight and obesity among adults in 19 European countries
Albert-Jan R Roskam, Anton E Kunst, Herman Van Oyen, Stefaan Demarest, Jurate Klumbiene, Enrique Regidor, Uwe Helmert, Florence Jusot, Dagmar Dzurova, Johan P Mackenbach, and for additional participants to the study
Page: 392

Commentary: Tipping the balance: wider waistlines in men but wider inequalities in women
Laura D Howe, Rita Patel, and Bruna Galobardes
Page: 404

Education reduces the effects of genetic susceptibilities to poor physical health
Wendy Johnson, Kirsten Ohm Kyvik, Erik L Mortensen, Axel Skytthe, G David Batty, and Ian J Deary
Page: 406
Commentary: It’s not all means and genes—socio-economic position, variation and genetic confounding
David H Rehkopf and Nancy Adler
Page: 415

Methodology

Illustrating bias due to conditioning on a collider
Stephen R Cole, Robert W Platt, Enrique F Schisterman, Haitao Chu, Daniel Westreich, David Richardson, and Charles Poole
Page: 417

Forest plots in reports of systematic reviews: a cross-sectional study reviewing current practice
David L Schriger, Douglas G Altman, Julia A Vetter, Thomas Heafner, and David Moher
Page: 421

A new method for estimating smoking-attributable mortality in high-income countries
Samuel H Preston, Dana A Glei, and John R Wilmoth
Page: 430

Devising a female sex work typology using data from Karnataka, India
Raluca Buzdugan, Andrew Copas, Stephen Moses, James Blanchard, Shajy Isac, Banadakoppa M Ramesh, Reynold Washington, Shiva S Halli, and Frances M Cowan
Page: 439

Commentary: Categorizing risks for HIV among female sex workers: the importance of context
Helen Lambert
Page: 448

Evaluation of the optimal recall period for disease symptoms in home-based morbidity surveillance in rural and urban Kenya
Daniel R Feikin, Allan Audi, Beatrice Olack, Godfrey M Bigogo, Christina Polyak, Heather Burke, John Williamson, and Robert F Breiman
Page: 450

Infectious Disease

Predictors of sub-clinical enterovirus infections in infants: a prospective cohort study
Elisabet Witsø, Ondrej Cinek, Magne Aldrin, Bjørn Grinde, Trond Rasmussen, Turid Wetlesen, and Kjersti S Rønningen
Page: 459

Does BCG vaccination protect against the development of childhood asthma? A systematic review and meta-analysis of epidemiological studies
Mariam El-Zein, Marie-Elise Parent, Andrea Benedetti, and Marie-Claude Rousseau
Page: 469

Mental Health
Quasi-experimental evidence on the causal effects of physical health on mental health
Manoj Mohanan and Joanna Maselko
Page: 487

Fish consumption and polyunsaturated fatty acids in relation to psychological distress
Anna Liisa Suominen-Taipale, Anu W Turunen, Timo Partonen, Jaakko Kaprio, Satu Männistö, Jukka Montonen, Antti Jula, Pekka Tiittanen, and Pia K Verkasalo
Page: 494

Cardiovascular Disease

Thirty-five-year trends in cardiovascular risk factors in Finland
Erkki Vartiainen, Tiina Laatikainen, Markku Peltonen, Anne Juolevi, Satu Männistö, Jouko Sundvall, Pekka Jousilahti, Veikko Salomaa, Liisa Valsta, and Pekka Puska
Page: 504

Commentary: The Finnish success of cardiovascular risk factor reduction
Select this article Børge G Nordestgaard
Page: 518

Increases in body mass index over a 7-year period and risk of cause-specific mortality in Korean men
Kyung Eun Yun, Hye Soon Park, Yun-Mi Song, and Sung-Il Cho
Page: 520

Commentary: Use of the body mass index to assess the risk of health outcomes: time to say goodbye?
Tobias Pischon
Page: 528

Cortisol, estrogens and risk of ischaemic heart disease, cancer and all-cause mortality in postmenopausal women: a prospective cohort study
Naja Hulvej Rod, Tage S Kristensen, Finn Diderichsen, Eva Prescott, Gorm B Jensen, and Åse Marie Hansen
Page: 530

Genetic Epidemiology

Glutathione-S-transferase genes and asthma phenotypes: a Human Genome Epidemiology (HuGE) systematic review and meta-analysis including unpublished data
Cossetta Minelli, Raquel Granell, Roger Newson, Matthew J Rose-Zerilli, Maties Torrent, Sue M Ring, John W Holloway, Seif O Shaheen, and John A Henderson
Page: 539

Association between a 15q25 gene variant, smoking quantity and tobacco-related cancers among 17 000 individuals
Commentary: Gene–environment interactions and smoking-related cancers
Thorgeir E. Thorgeirsson and Kari Stefansson
Page: 577

Injuries
Risk of injury according to participation in specific physical activities: a 6-year follow-up of 14 356 participants of the SUN cohort
Juan Pons-Villanueva, María Seguí-Gómez, and Miguel A Martínez-González
Page: 580

Paternal involvement in childcare and unintentional injury of young children: a population-based cohort study in Japan
Takeo Fujiwara, Makiko Okuyama, and Kunihiko Takahashi
Page: 588

Cancer
Measuring cancer survival in populations: relative survival vs cancer-specific survival
Diana Sarfati, Tony Blakely, and Neil Pearce
Page: 598

Commentary: Estimating cancer survival—which is the right approach?
Bernard Rachet and Michel P Coleman
Page: 611

Public Health Evaluation
An adequacy evaluation of a 10-year, four-country nutrition and health programme
Peter R Berti, Alison Mildon, Kendra Siekmans, Barbara Main, and Carolyn MacDonald
Page: 613

Letters to the Editor
The IEA Dictionary and who should be the editor
Jørn Olsen, Neil Pearce, Cesar Victora, and Shah Ebrahim
Page: 630

Answer to the commentary: Politics and public health—some conceptual considerations concerning welfare state characteristics and public health outcomes
Politics and public health—some conceptual considerations concerning welfare state characteristics and public health outcomes
O Lundberg
Page: 630

Recommendations like ‘should always’ should arouse us
Andreas Stang and Oliver Kuss
Page: 634

Are children born to light drinkers not at high risk of developing clinically relevant cognitive–behavioural problems? A response to Kelly et al.
Piyadasa W Kodituwakku and Mauro Ceccanti
Page: 635

Book Reviews

James Lefanu
Page: 638

Genomes and What to Make of Them. Barry Barnes and John Dupré.
Gregor Mclellan
Page: 639
International Journal of Epidemiology

Volume 39, Supplement 1(April 2010)

Articles

Commentary: LiST: using epidemiology to guide child survival policymaking and programming
Cesar G Victora
Page: i1

The child health epidemiology reference group reviews of the effectiveness of interventions to reduce maternal, neonatal and child mortality
Cynthia Boschi-Pinto, Mark Young, and Robert E Black
Page: i3

Spectrum: a model platform for linking maternal and child survival interventions with AIDS, family planning and demographic projections
John Stover, Robert McKinnon, and Bill Winfrey
Page: i7

Comparing modelled predictions of neonatal mortality impacts using LiST with observed results of community-based intervention trials in South Asia
Ingrid K Friberg, Zulfiqar A Bhutta, Gary L Darmstadt, Abhay Bang, Simon Cousens, Abdullah H Baqui, Vishwajeet Kumar, Neff Walker, and Joy E Lawn
Page: i11

Standards for CHERG reviews of intervention effects on child survival
Neff Walker, Christa Fischer-Walker, Jennifer Bryce, Rajiv Bahl, Simon
Page: i21

Comparing modelled to measured mortality reductions: applying the Lives Saved Tool to evaluation data from the Accelerated Child Survival Programme in West Africa
Elizabeth Hazel, Kate Gilroy, Ingrid Friberg, Robert E Black, Jennifer Bryce, and Gareth Jones
Page: i32

LiST as a catalyst in program planning: experiences from Burkina Faso, Ghana and Malawi
Jennifer Bryce, Ingrid K Friberg, Daniel Kraushaar, Humphreys Nsona, Godwin Yaw Afeniyadu, Narcisse Nare, Sardick Kyei-Faried, and Neff Walker
Page: i40

Effectiveness of measles vaccination and vitamin A treatment
Christopher R Sudfeld, Ann Marie Navar, and Neal A Halsey
Page: i48

The effect of rotavirus vaccine on diarrhoea mortality
Melinda K Munos, Christa L Fischer Walker, and Robert E Black
Zinc for the treatment of diarrhoea: effect on diarrhoea morbidity, mortality and incidence of future episodes
Christa L Fischer Walker and Robert E Black
Page: i 63

Antibiotics for the treatment of dysentery in children
Beatrix S Traa, Christa L Fischer Walker, Melinda Munos, and Robert E Black
Page: i 70

The effect of oral rehydration solution and recommended home fluids on diarrhoea mortality
Melinda K. Munos, Christa L Fischer Walker, and Robert E Black
Page: i 75

Protective efficacy of interventions for preventing malaria mortality in children in Plasmodium falciparum endemic areas
Thomas P Eisele, David Larsen, and Richard W Steketee
Page: i 88

Tetanus toxoid immunization to reduce mortality from neonatal tetanus
Hannah Blencowe, Joy Lawn, Jos Vandelaer, Martha Roper, and Simon Cousens
Page: i 102

Folic acid to reduce neonatal mortality from neural tube disorders
Hannah Blencowe, Simon Cousens, Bernadette Modell, and Joy Lawn
Page: i 110

Antenatal steroids in preterm labour for the prevention of neonatal deaths due to complications of preterm birth
Judith Mwansa-Kambafwile, Simon Cousens, Thomas Hansen, and Joy E Lawn
Page: i 122

Antibiotics for pre-term pre-labour rupture of membranes: prevention of neonatal deaths due to complications of pre-term birth and infection
Simon Cousens, Hannah Blencowe, Michael Gravett, and Joy E Lawn
Page: i 134

‘Kangaroo mother care’ to prevent neonatal deaths due to preterm birth complications
Joy E Lawn, Judith Mwansa-Kambafwile, Bernardo L Horta, Fernando C Barros, and Simon Cousens
Page: i 144

The effect of case management on childhood pneumonia mortality in developing countries
Evropi Theodoratou, Sarah Al-Jilaihawi, Felicity Woodward, Joy Ferguson, Arnoupe Jhass, Manuela Balliet, Ivana Kolcic, Salim Sadruddin, Trevor Duke, Igor Rudan, and Harry Campbell
Page: i 155
The effect of Haemophilus influenzae type b and pneumococcal conjugate vaccines on childhood pneumonia incidence, severe morbidity and mortality
Evropi Theodoratou, Sue Johnson, Arnoupe Jhass, Shabir A Madhi, Andrew Clark, Cynthia Boschi-Pinto, Sunil Bhopal, Igor Rudan, and Harry Campbell
Page: i 172

How well does LiST capture mortality by wealth quintile? A comparison of measured versus modelled mortality rates among children under-five in Bangladesh
Agbessi Amouzou, Stephanie A Richard, Ingrid K Friberg, Jennifer Bryce, Abdullah H Baqui, Shams El Arifeen, and Neff Walker
Page: i 186

Water, sanitation and hygiene for the prevention of diarrhoea
Sandy Cairncross, Caroline Hunt, Sophie Boisson, Kristof Bostoen, Val Curtis, Isaac CH Fung, and Wolf-Peter Schmidt
Page: i 193
Introduction
N Wickramasinghe
Page: 131

Foetal ECG extraction using combination of wavelets and hybrid-algorithm-based ANFIS
R Swaralatha and D V Prasad
Page: 133

Automated ischemic beat classification using genetic algorithm based principal component analysis
S Murugan and S Radhakrishnan
Page: 151

Phase tracking of the breathing cycle in sleeping subjects by frequency analysis of acoustic data
H Alshaer, G R Fernie and T D Bradley
Page: 163

Multi-purpose healthcare telemedicine system with ISM band communication link support
N Hamza, L Khriji and F Touati
Page: 176

A novel approach for non-invasive measurement of blood hemoglobin
U M Chaskar, S R Koli and S L Patil
Page: 193

Evaluation of fatigue crack growing in cortical bone using the BEM
B Gamez, E Divo, A J Kassab and M Cerrolaza
Page: 202
JAPI

Volume 58 (January 2010)

Editorial

Diagnosis and Treatment of Scrub Typhus - The Indian Scenario
AR Chogle
Page: 11

Original Articles

The Clinical Profile and Association of Delirium in Geriatric Patients with Hip Fractures in a Tertiary Care Hospital in India
Anugrah Chrispal, K Prasad Mathews, V Surekha
Page: 15

Comparative Study of Nitro Blue Tetrazolium (NBT) Reduction Method for Estimation of Glycated Haemoglobin with Glycated HbA1C Estimated on DCA2000+ Analyzer (Immunoagglutination Inhibition)
Ashok Sahu, Trapti Gupta, Purnima Dey Sarkar
Page: 20

Outbreak of Scrub Typhus in Pondicherry
M Vivekanandan, Anna Mani, Yamini Sundara Priya, Ajai Pratap Singh, Samuel Jayakumar, Shashikala Purty
Page: 24

Review Article

Pro-insulin, C Peptide, Glucagon, Adiponectin, TNFα AMPK : Neglected Players in Type 2 Diabetes Mellitus
RD Lele
Page: 30

Pictorial CME

Osteitis Condensans Ilii
Shrikant Wagh
Page: 41

Dexamethasone Abuse with Fatal CNS Complication
SC Chaudhary, R Avasthi, D Mohanty, KP Singh, A Sharma
Page: 42

Case Report

Chilaiditi’s Syndrome with Associated Angina
Vinay Malavade, Ashwin Udyavar
Idiopathic CD4+ T-Lymphocytopenia - A Diagnostic Dilemma
Rohan Augustine, Mohammed Khalid, ZK Misri, Suresh Hegde
Page: 45

Embolotherapy in Massive Post Sphincterotomy Bleed
Bishav Mohan, Sandeep Singh Sidhu, Omesh Goyal, Prerna Goyal, GS Wander
Page: 47

Vivax-induced ARDS : Report of Two Cases
Chanchal Gera, Jasbir Dhanoa
Page: 48

Chronic Abdominal Pain - A Radiological Solution
Paresh Jain, Vidhyachandra Gandhi, Shaji Marar, Aabha Nagral, Sanjay Nagral
Page: 50

Medical Philately

Donders - Father of Clinical Refraction
JV Pai-Dhungat, Falguni Parikh
Page: 55

Correspondence

Food Allergy - “Papaya : Pear or Pain”
Meenaxi Sharda, Lokesh Jain, Dinesh Baheti, SK Goyal
Page: 56

Cardiac Cephalgia and Cardiac Migraine
Shubhakaran, Girdhari Dayal
Page: 57

Announcement

Neurology for Practicing Physicians 2010
Page: 12

Dr. JC Patel and Dr. BC Mehta Best Paper Awards
Page: 22

9th International Symposium on Diabetes
Page: 40

VR Joshi JAPI Award for Outstanding Referee for the Year 2009
Page: 58

ICP Monograph & Technical Report Series
Page: 58
JAPI

Volume 58 (February 2010)

Editorial

Parkinson’s Disease and Look-alikes
SV Khadilkar
Page: 75

Original Articles

Olmesartan Medoxomil Evaluated for Safety and Efficacy in Indian Patients with Essential Hypertension: A Real World Observational Postmarketing Surveillance
Rajiv Rana, Amarinder Singh
Page: 77

Urogenital Symptoms in Parkinson’s Disease and Multiple System Atrophy-Parkinsonism: At Onset and Later
Pazhayannur V Swaminath, Mona Ragothaman, Suma Koshy, Nagaraja Sarangmath, Mohan Adhyam, DK Subbakrishna, Christopher J Mathias, Uday B Muthane
Page: 86

Anemia and Diabetic Retinopathy in Type 2 Diabetes Mellitus
Padmaja Kumari Rani, Rajiv Raman, Sudhir R Rachepalli, Swakshyar Saumya Pal, Vaitheeswaran Kulothungan, Praveena Lakshmipathy, Uthra Satagopan, Govindasamy Kumaramanickavel, Tarun Sharma
Page: 91

Premixed Insulin Aspart 30 (BIAsp 30) vs Premixed Human Insulin 30 (BHI 30) in Gestational Diabetes Mellitus - A Pilot Study
V Balaji, Madhuri S Balaji, Cynthia Alexander, S Ashalata, R Sheela Suganthi, S Suresh, V Seshiah
Page: 99

Review Article

Inhibiton of the Renin Angiotensin Aldosterone System: Focus on Aliskiren
Maddury Srinivasa Rao
Page: 102

Pictorial CME

Hypohidrotic Ectodermal Dysplasia
Arup K Kundu, SK Pal, H Majumdar, S Datta, P Chattopadhyay
Page: 110

Fungal Infection - from Bad to Ugly
Atul Sharma, Manish Singhal, Sanjay Thulkar
Case Reports

Central and Peripheral Demyelination with Immune Polymyositis in a Patient with Bardet Biedl Syndrome
D Rajasekaran, A Arvind, G Subbaragavalu, K Sojan George
Page: 114

Familial Hypoparathyroidism
SK Bandyopadhyay, A Moulick, N Chakrabarti, A Dutta
Page: 115

Atypical Presentation of Leptospirosis
Prasita Pravin Kshirsagar, Amey Dilip Sonavane, Aditi Chetan Doshi, Umesh Teltumbde, Sagar Mandalik
Page: 117

Chronic Hepatitis C Infection Associated with Neuromyelitis Optica and Antinuclear Antibodies
Benjamin Samraj Prakash Earnest, Leong Chong Men, G Sukvinder Kaur, Rosnita Bt Alias, H Sunita Devi
Page: 118

Brugada Like Pattern in ECG with Drug Overdose
Kiran HS, Ravikumar YS, Jayasheelan MR, Prashanth
Page: 120

Medical Philately

Hans Selye (1907 - 1982)
JV Pai-Dhungat, Falguni Parikh
Page: 123

Correspondence

Septicemic Meliodosis
Subbaalaxmi MVS
Page: 124

Efficacy of a Short Course Antibiotic Prophylaxis for Open Reduction of Closed Fractures : First Report from India
Sudeep Kumar, Bijayini Behera, Kamran Farooque, Vijay Sharma, Purva Mathur
Page: 124

Drug Review

Tolperisone
Agam Vora
Page: 127
Announcement

Fellowship of the Indian College of Physicians (FICP) at APICON 2010
Page: 83

Orations 2011
Page: 84

Nominations for API and ICP
Page: 101

API Rajasthan Chapter Governing Body (2009-2010)
Page: 128

Book Review

Text Book of Pulmonary Medicine
Page: 90

Obituary
Page: 94
JAPI

Volume 58 (March 2010)

Editorial

An obituary- On the Death of antibiotics!
Abdul Ghafur K
Page: 143

Original Articles

New Delhi Metallo-β lactamase (NDM-1) in Enterobacteriaceae: Treatment options with Carbapenems Compromised
Payal Deshpande, Camilla Rodrigues, Anjali Shetty, Farhad Kapadia, Ashit Hedge, Rajeev Soman
Page: 147

Prevalence of Overweight and Obesity in Indian Adolescent School Going Children : Its Relationship with Socioeconomic Status and Associated Lifestyle Factors
Page: 151

AIDS-associated Cancers : An Emerging Challenge
Uday A Phatak, Ravindra Joshi, Dinesh K Badakh, Vikas S Gosavi, Jayanti U Phatak, Rakhi V Jagdale
Page: 159

Review Article

Molecular Mimicry in Human Diseases- Phenomena or Epiphenomena
Sourya Acharya, Samarth Shukla, SN Mahajan, SK Diwan
Page: 163

Pictorial CME

Neuroimage - Hydatid Cyst of Brain
Kalia Vishal, Vibhuti
Page: 173

A Young Female with Left Sided Focal Seizure
Kishore D, Khurana V, Gambhir IS
Page: 174

Update Article

Antiphospholipid Antibody Syndrome
Case Reports

Complicated Typhoid Fever
Partha Pratim Chakraborty, Rana Bhattacharjee, Dipanjan Bandyopadhyay
Page: 186

Bilateral Vertebral Artery Dissection Caused by Atlantoxial Dislocation
Samhita Panda, S Ravishankar, D Nagaraja
Page: 187

A Young Male Heart Transplant Recipient who Developed CKD due to Cyclosporine Therapy after a Decade
Vaishnavi Chandramohan, Georgi Abraham, Milli Matthew, Ajith Mullassery, Kanchana Thirumuoorthy
Page: 190

Mycophenolate Induced Diarrhoea
Ashwinkumar Aiyangar, Prashant Rajput, Bharat V Shah
Page: 192

Intravenous Catheter Associated Complications
Shivendra Singh, Jai Prakash, VK Shukla, LK Sharatchandra Singh
Page: 194

Whipple's Disease
Manish A Chhabria, Reeta J Dalal, Devendra C Desai, Ramesh B Deshpande
Page: 196

MIBG Negative Pheochromocytoma
Nihar Mehta, V Paniker, Arpit Shah
Page: 198

Medical Philately

Camillo Golgi and Ramon Y Cajal who Peeped into the Mysterious World of Nervous System
KP Anand, Ashish Sinha, AS Kashyap, Abhijeet Anand
Page: 200

Correspondence

R2 Syndrome: Religion and Renal Failure
Ankur Gupta, Charanjit Lal, Ambar Khaira, Sanjay K Agarwal, Suresh C Tiwari
Page: 201

Arsenicosis: Unusual Neurological Presentation from West Bengal
Indian Diabetic Risk Score and its Utility in Steroid Induced Diabetes
Vikram V Shanbhogue, Sudha Vidyasagar, Mohit Madken, Muralidhar Varma, Prashant CK, Pankaj Seth, Natraj KS
Page: 202

Announcement

MAPICON 2010
Page: 144

Medicine Update 2010
Page: 149

Orations 2011
Page: 150

Governing Body of Maharashtra Chapter of Association of Physicians of India (MAPI) 2009-2010
Page: 158

World Congress on Clinical, Preventive and Geriatric Cardiology (WCCPGC 2010)
Page: 162
JAPI

Volume 58 (April 2010)

Editorial

Hypertension following Kidney Transplantation
VN Acharya
Page: 219

Original Articles

Spectrum of Hypertension in Post Transplant
A Kaul, RK Sharma, A Gupta, U Singh
Page: 221

Does Blood Pressure Variability Affect the Summer Associated Symptoms Amongst Females?
Pragya Sinha, NP Singh, DK Taneja, Renuka Shah
Page: 225

Efficacy and Safety of Tenecteplase in Diabetic and Non-Diabetic Patients of STEMI - Indian Registry Data
I Sathyamurthy, K Jayanthi, SS Iyengar, Jagdish S Hiremath, Dayanand Kumbla, Binu Ramesh
Page: 229

Pictorial CME

Hydatid Cyst in Right Iliac Fossa
Gouranga Santra
Page: 231

Pancoast Tumour Presenting as Paralegia with Horner’s Syndrome
Niteen D Karnik, Girish R Sabnis, Swati A Chavan
Page: 232

Update Article

Mitochondrial Medicine
SK Bandyopadhyay, Anita Dutta
Page: 237

Case Reports

Disseminated Tuberculosis : Interesting Hematological Observations
R Avasthi, D Mohanty, SC Chaudhary, Kiran Mishra
Page: 243
Five Cases of Jatropha curcas Poisoning
Viral Shah, Jayesh Sanmukhani
Page: 245

Blue Rubber Bleb Nevus Syndrome Causing Refractory Anaemia
Indira Miasnam, Tanima Das, Arup K Kundu, Arijit Ghosh
Page: 246

Isolated Right Ventricular Hypertrophic Obstructive Cardiomyopathy
SR Mittal
Page: 249

Recurrent Massive Pleural Effusion with Neurosarcoidosis : A Rare Presentation of Sarcoidosis
TK Jayalaksmi, Ivona Lobo, Girija Nair, Abhay Uppe, Shivani Swami
Page: 251

Pachydermoperiostosis with Myelofibrosis and Empty Sella
Renu Saigal, Amit Kansal, Manoop Mittal, Yadvinder Singh, Hari Ram
Page: 253

Thiazolidinedione Precipitated Thyroid Associated Ophthalmopathy
R Menaka, M Sehgal, M Lakshmi, A Bhattacharyya
Page: 255

Medical Philately

Kidney Transplantation
Pradeep Rangappa
Page: 258

Correspondence

Cervical Lymphadenopathy : A Rare Presentation of Malaria
Chanchal Gera, Navneet Kumar, Nitin Malhotra
Page: 264

Hyperglycemia : Status Epilepticus
AK Gupta
Page: 264

Environmental Infections and Pollutants as a Cause of India’s Diabetes Explosion
DK Hazra
265

Drug Review

Terizidone
Agam Vora
Page: 267
Announcement

2nd Advanced Rheumatology Course: Systemic Lupus Erythematosus
Page: 228

The Association of Physicians of India Tamil Nadu State Chapter
Page: 228

CME on Septic Shock
Page: 241

Eligibility Criteria for the Award of Fellowship of Indian College of Physicians
Page: 259

7th Infectious Disease Certificate Course - IDCC - 2010
Page: 266

VIIIth National Autoantibody Workshop
Page: 268

Indian Academy of Allergy in Collaboration with Asia Pacific Association of Allergy, Asthma and Clinical Immunology
Page: 268

Dr. A. Ramchandran’s Diabetes Hospitals & India Diabetes Research Foundation (IDRF)
Page: 268
**JAPI**

**Volume 58 (Supplement April 2010)**

**Editorial**

**From the Guest Editor**
K Ravishankar  
Page: 6

**The “IHS” Classification (1988, 2004) - Contributions, Limitations and Suggestions**
K Ravishankar  
Page: 7

**Migraine : Pitfalls in the Diagnosis**
Milind Y Nadkar, Sandeep D Desai, Manish W Itolikar  
Page: 10

**Migraine Variants and Beyond**
Srinivasa R, Rahul Kumar  
Page: 14

**Migraine Comorbidities - A Discussion**
Vivek Lal, Monika Singla  
Page: 18

**Editorial**

**Acute Management of Migraine**
Debashish Chowdhury  
Page: 21

**Migraine : Prophylactic Treatment**
Rakesh Shukla, Manish Sinha  
Page: 26

**Migraine - The New Understanding**
K Ravishankar  
Page: 30

**Interesting Cases from the Headache Clinic Records**
K Ravishankar  
Page: 34
JAPI

Volume 58 (June 2010)

Editorial

**Leptospirosis: Tropical to Subtropical India**
Trupti H Trivedi, Sandhya A Kamath
Page: 351

Original Articles

**Profile of Patients of Leptospirosis in Sub-Himalayan Region of North India**
V Chauhan, DM Mahesh, P Panda, J Mokta, S Thakur
Page: 354

**Birth Control Necessary to Limit Family Size in Tribal Couples with Aberrant Heterosis of G-6-PD Deficiency and Sickle Cell Disorders in India: An Urgency of Creating Awareness and Imparting Genetic Counseling**
RS Balgir
Page: 357

**The Metabolic Syndrome and Associated Risk Factors in an Urban Industrial Male Population in South India**
Prabhdeep Kaur, Ezhil Radhakrishnan, Sudha Ramachandra Rao, Suresh Sankarasubbaiyan, Thota Venkata Roa, Mohan Digamber Gupte
Page: 363

**Giant Cell Arteritis in Mumbai**
S Singh, C Balakrishnan, G Mangat, R Samant, M Bambani, S Kalke, VR Joshi
Page: 372

**Morphologic and Body Composition Changes are different in Men and Women on Generic Combination Antiretroviral Therapy - An Observational Study**
C Padmapriyadarsini, S Swaminathan, MJ Karthipriya, G Narendran, Pradeep Aravindan Menon, Beena E Thomas
Page: 375

Review Article

**Pyoderma Gangrenosum**
Renu Saigal, Yadvinder Singh, Manoop Mittal, Amit Kansal, Hari Ram Maharia
Page: 378

Pictorial CME

**Hoarseness of Voice and Skin Lesions Since Childhood**
CV Dincy Peter, AP Williams, A Korula
Page: 384
Case Reports

**Mixed Movement Disorder as the Presenting Manifestation of Non-Ketotic Hyperglycemia**
K Mugundhan, Arun Maski, JA Elanchezian, V Rajkumar, A Thangaraj, R Anbalagan
Page: 387

**Wolff-Parkinson-White Syndrome and Rheumatic Mitral Stenosis - An Uncommon Association**
M Maheshwari, SR Mittal
Page: 388

**Leptospirosis Presenting as Acute Respiratory Distress Syndrome (ARDS) in Sub-Himalayan Region**
V Chauhan, DM Mahesh, P Panda, J Mokta, S Thakur
Page: 390

**Cerebellar Ataxia following Snake Bite**
R Awasthi, Shiva Narang, Partho P Chowdhury
Page: 391

Medical Philately

**Discovery of Mediators of Sepsis**
Pradeep Rangappa
Page: 394

Correspondence

**Gitelman’s Syndrome: A Differential Diagnosis of Normocalcemic Tetany**
Sanjay Kumar Bandyopadhyay, Saikat Datta, Salil Kumar Pal, Atul Krishna Saha
Page: 395

**Persistent Organic Pollutants and Diabetes Mellitus**
PG Raman
Page: 395

**Isolated Colonic Tuberculosis with Colovesical Fistula**
Sanjay Bandyopadhyay, Chanchal Das, Pranab K Maity, Debargha Dhua, Niladri Sarkar
Page: 396

Announcement

**8th National Conference on Cardiology, Diabetology, Electrocardiology, Echocardiography and Critical Care**
Page: 356

**19th Annual Conference of Hypertension Society of India**
Page: 362
APICON 2011
Page: 368

Post-Doctoral Fellowship in Infectious Diseases (ID)
Page: 374

API Award Sessions
Page: 397

Dr. Vithalrao Nadgouda Best All India Annual Thesis Award
Page: 397

Orations / Lectureships
Page: 398

Book Review

Medical Negligence and the Law in India
Page: 393
JAPI

Volume 58 (Supplement June 2010)

Editorial

Glucagon-like-Peptide 1 Analogues
Siddharth N Shah
Page: 6

Current Status of Diabetes in India and Need for Novel Therapeutic Agents
A Ramachandran, AK Das, Shashank R Joshi, CS Yajnik, Siddharth N Shah, Prasanna Kumar KM
Page: 7

Historical Overview of Incretin Based Therapies
Anil Bhansali, Debasish Maji, PV Rao, Samar Banerjee, Harish Kumar
Page: 10

Liraglutide: Bench to Bedside
V Mohan, V Balaji, Sunil M Jain, Sanjay Kalra, Ambrish Mithal
Page: 15

Editorial

Liraglutide in Clinical Practice: Insights from LEAD Programme
Bipin K Sethi, Vijay Viswanathan, Ajay Kumar, Sudip Chatterjee, HB Chandalia
Page: 18

Beneficial Effects of Liraglutide Beyond Glycaemic Control
Arpandev Bhattacharyya, Unnikrishnan AG, SK Wangnoo, Rakesh Sahay, Manoj Chadha
Page: 23

A Clinician’s Perspective on Liraglutide in Clinical Practice
Nikhil Tandon, Mathew John, SK Sharma, Jothydev Kesavadev, Ganapathy B
Page: 29
Journal of Applied Physiology (JAPI)

Volume 58 (September 2010)

Editorial

Vitamin D and Hip Fractures: Indian Scenario
TR Bandgar, NS Shah
Page: 535

Original Articles

High Prevalence of Vitamin D Deficiency in Asian-Indian Patients with Fragility Hip Fracture: A Pilot Study
Rajesh Khadgawat, Krishnendra Singh Brar, Monita Gahlot, Chandra Shekhar Yadav, Rajesh Malhotra, Nandita Gupta, Nikhil Tandon
Page: 539

Spectrum of Kidney Diseases in Patients with Preeclampsia-Eclampsia
Jai Prakash, Rubina Vohra, LK Pandey, Shashidhar Shree Niwas, SK Behura, Usha Singh
Page: 543

Lipid Profile in Non-Diabetic Stroke - A Study of 100 Cases
K Sreedhar, Banumathy Srikant, Laxmikant Joshi, Usha G
Page: 547

Review Article

Telomere - The Twilight to Immortality
Samarth Shukla, Sourya Acharya, Devendra Rajput, S Vagha, Shobha Grover
Page: 553

Pictorial CME

Scleroderma Cardiac Disease
Gouranga Santra
Page: 566

Case Reports

Hyperthyroidism in a Case of Down Syndrome
VA Londhey, GC Rajadhyaksha, KS Barhate, AV More, CR Dedhia
Page: 568

Myopathy presenting as a Sole Manifestation of Hypothyroidism
SV Madhu, Rajesh Jain, Saket Kant, Ved Prakash, Vinod Kumar
Page: 569

Monocular Blindness during therapy for Cerebral Neurocysticercosis
Post Varicella Angiopathy
CJ Selvakumar, C Justin, TR Gnaneswaran, M Chandrasekaran
Page: 572

Early Posttransplant Erythrocytosis in Renal Allograft Recipients
Jai Prakash, Shivendra Singh, Sanjeev Kumar Behura, Biplab Ghosh, LK Sharatchandra, US Dwivedi
Page: 574

Bone Mineral Disorder Resulting from Secondary Distal Renal Tubular Acidosis due to Overlap Syndrome (Mixed Connective Tissue Disorder) Associated with Coronary Artery Disease
SM Yeli, Vinay Yeli, Tittu Oommen, Rajaneesh Mittal
Page: 576

Sweet’s Syndrome with Subacute Intestinal Obstruction
MVRJ Somayajulu, G Raghu Rama Rao, A Amareswar, N Ramkoteswar Rao
Page: 578

Medical Philately

Diabetes : Modern Times
Federica Guaraldi, Renato Pasquali
Page: 582

Thyroid : From Hellenistic Greece to Renaissance
Federica Guaraldi, Renato Pasquali
Page: 583

Correspondence

Chloramphenicol : Is Old Really Gold?
Purva Mathur, Bijayini Behera, Deepali Chaturvedi, MC Misra
Page: 584

Announcement

6th DIPSI 2011 - Mumbai
Page: 537

PULMOCON ‘10
Page: 537

International Echo Course and Workshop
Page: 542
3rd National Conference of AIDS Society of India (ASICON 2010)
Page: 546

10th North Indian Medical Clinics
Page: 566

New Drug for Liver Cancer
Page: 582

IX NCIAM 2010
Page: 584
JAPI

Volume 58 (October 2010)

Editorial

Post-prandial Hypertriglyceridemia
Samar Banerjee
Page: 599

Original Articles

Post-Prandial Hypertriglyceridemia in Patients with Type 2 Diabetes Mellitus with and without Macrovascular Disease
V Kumar, SV Madhu, G Singh, JK Gambhir
Page: 603

Optimization of the Inventory Size of the Public Cord Blood Program - The indian Context
Chandra Viswanathan, Arunava Roy, Devi Damodaran, Arun Kumar Manira, Preeti Kabra
Page: 608

Insulin Resistance at different Stages of Diabetic Kidney Disease in India
Vijay Viswanathan, Priyanka Tilak, Rai Meerza, Satyavani Kumpatla
Page: 612

Review Article

Arsenosis : Review of Recent Advances
BD Pimparkar, Aruna Bhave
Page: 617

Pictorial CME

Injection Site Lipoatrophy : A Rare Complication of Recombinant Human Insulin
Partha Pratim Chakraborty, Rana Bhattacharjee
Page: 630

Case Reports

Pseudallescheria boydii Lung Infection in an Immunocompetent Adult, Difficulties in Diagnosis and Management
Rajeev Soman, AA Mahashur, Deepak Naphade, Camilla Rodrigues, Anita Bhaduri, Preeti KNagnur, Anup Warrier
Page: 633

Carbamazepine induced DRESS Syndrome
Ajay Chauhan, Swati Anand, Sindha Thomas, HCA Subramanya, Gyanranjan Pradhan
Page: 634
Tilting at Windmills
Yash Lokhandwala, Mandar Shah, Gopi Krishna Panicker
Page: 636

Scintigraphic Finding of a Silent Hepatic Haemangioma
Rohan Borse, GN Mahapatra, Rajeev Mehta, Saifee Plumber, Sandeep Dhuri, Sarfaraz Ali
Page: 637

Experience with Patients with anti-MUSK Antibody Positive Myasthenia Gravis
Uma Sundar, Preeti Shaunbhag, Yogesh Lakkas, Makardhwaj Shrivastava, Amit Shah, Meghana Vaidya, Dnyaneswar Asole
Page: 640

Kikuchi Fujimoto Disease and Systemic Lupus Erythematosus - A Rare Association
VA Londhey, AS Buche, SH Kini, GC Rajadhyaksha
Page: 642

Serious Neutropenia following Etanercept Administration in a 62 years Female Patient of Rheumatoid Arthritis
K Datta, RK Ghosh, SM Ghosh
Page: 643

Medical Philately

Thyroid: From 16th to 20th Century
Federica Guaraldi, Renato Pasquali
Page: 646

Correspondence

Pulmonary Strongyloidiasis: Time to Wake Up
Kinjalka Ghosh
Page: 647

Inducible Ischemia with Patent Stents
MJ Jacob
Page: 647

Announcement

iCP - Sponsored Training Programme
Page: 601

19th Annual Conference of Hypertension Society of India
Page: 601

4th National Update in Respiratory Medicine diPSi
Page: 601
32nd CME in internal Medicine
Page: 615

VIII Dr. K.S. Shadakshrappa National Symposium in Cardiology
Page: 615

APiCON 2010
Page: 628

23rd annual Conference of Indian Society for atherosclerosis research and international Symposium on atherosclerosis Update Ayurveda 2010
Page: 629

RAPICON 2010
Page: 648
Journal of Epidemiology and Community Health

Volume 64, Issue 9 (September 2010)

Editorials

Exposure to breast milk in infancy and risk of adult breast cancer: more scientific data are needed
L A Wise, L Titus-Ernstoff
Page: 745

Who, and what, causes health inequities? Reflections on emerging debates from an exploratory Latin American/North American workshop
Nancy Krieger, Margarita Alegría, Naomar Almeida-Filho, Jarbas Barbosa da Silva, Mauricio L Barreto, Jason Beckfield, Lisa Berkman, Anne-Emamuelle Birn, Bruce B Duncan, Saul Franco, Dolores Acevedo Garcia, Sofia Gruskin, Sherman A James, Asa Christina Laurell, Maria Inês Schmidt, Karina L Walters
Page: 747

Commentary

Citizens' juries: more questions than answers?
M McKee
Page: 750

Speakers' corner

Physical activity promotion: a natural selection?
R Graham
Page: 752

Essay

Heat-related mortality: a review and exploration of heterogeneity
Shakoor Hajat, Tom Kosatky
Page: 753

Evidence-based public health policy and practice

My health: whose responsibility? A jury decides
P Elwood, Marcus Longley
Page: 761

Theory and methods

Assessing housing quality and its impact on health, safety and sustainability
Research reports

Latent class modelling of the association between socioeconomic background and breast cancer survival status at 5 years incorporating stage of disease
Amy Downing, Wendy J Harrison, Robert M West, David Forman, Mark S Gilthorpe
Page: 772

Outcomes from a mass media campaign to promote cervical screening in NSW, Australia
Stephen Morrell, Donna A Perez, Margaret Hardy, Trish Cotter, James F Bishop
Page: 777

Rates and types of hospitalisations for children who have subsequent contact with the child protection system: a population based case-control study
M O'Donnell, N Nassar, H Leonard, P Jacoby, R Mathews, Y Patterson, F Stanley
Page: 784

Context and disease when disease risk is low: the case of type 1 diabetes in Sweden
K F Lynch, S V Subramanian, H Ohlsson, B Chaix, Å Lernmark, J Merlo
Page: 789

Does dissatisfaction with psychosocial work climate predict depressive, anxiety and substance abuse disorders? A prospective study of Danish public service employees
H K Jensen, J Wieclaw, T Munch-Hansen, A M Thulstrup, J P Bonde
Page: 796

Explaining occupational class differences in sickness absence: results from middle-aged municipal employees
M Laaksonen, K Piha, O Rahkonen, P Martikainen, E Lahelma
Page: 802

Demographic and socioeconomic determinants of influenza vaccination disparities among university students
M Uddin, G C Cherkowski, G Liu, J Zhang, A S Monto, A E Aiello
Page: 808

Ozone and cause-specific cardiorespiratory morbidity and mortality
Jaana I Halonen, Timo Lanki, Pekka Tiittanen, Jarkko V Niemi, Miranda Loh, Juha Pekkanen
Page: 814

Differences in the association of cardiovascular risk factors with education: a comparison of Costa Rica (CRELES) and the USA (NHANES)
David H Rehkopf, William H Dow, Luis Rosero-Bixby
Page: 821
Does socio-economic status predict grip strength in older Europeans? Results from the SHARE study in non-institutionalised men and women aged 50+
Farizah Mohd Hairi, Johan P Mackenbach, K Andersen-Ranberg, Mauricio Avendano
Page: 829

Short report

Political ideology and health in Japan: a disaggregated analysis
S V Subramanian, Tsuyoshi Hamano, Jessica M Perkins, Akio Koyabu, Yoshikazu Fujisawa
J Epidemiol Community Health 2010;
Page: 838
Editorial
The quality and outcomes framework reduces disparities in health outcomes for cardiovascular disease
J A Dunbar
Page: 841

Essay
Intrafamilial transmission of hepatitis C virus in Italy: a systematic review
Chiara de Waure, Consuelo Cefalo, Giacomina Chiaradia, Antonella Sferrazza, Luca Miele, Giovanni Gasbarrini, Walter Ricciardi, Antonio Grieco, Giuseppe La Torre
Page: 843

Theory and methods
Exploring gender differences in the patterns of intimate partner violence in Canada: a latent class approach
Donna L Ansara, Michelle J Hindin
Page: 849

Research reports
Size at birth and lipoprotein concentrations in adulthood: two prospective studies in Latin American cities
Hugo Amigo, Patricia Bustos, Maria Elena Alvarado, Marco Barbieri, Heloisa Bettiol, António Augusto M da Silva, Roberto Jorge Rona
Page: 855

Neighbourhood socioeconomic status and biological ‘wear and tear’ in a nationally representative sample of US adults
Chloe E Bird, Teresa Seeman, José J Escarce, Ricardo Basurto-Dávila, Brian K Finch, Tamara Dubowitz, Melonie Heron, Lauren Hale, Sharon Stein Merkin, Margaret Weden, Nicole Lurie
Page: 860

Differential exposure and differential vulnerability as counteracting forces linking the psychosocial work environment to socioeconomic health differences
C Vanroelen, K Levecque, F Louckx
Page: 866

Psychosocial and sociodemographic predictors of attrition in a longitudinal study of major depression in primary care: the predictD-Spain study
Juan Ángel Bellón, Juan de Dios Luna, Berta Moreno, Carmen Montón-Franco, María Josefa GildeGómez-Barragán, Marta Sánchez-Celaya, Miguel Ángel Díaz-Barreiros, Catalina Vicens, Emma Motrico, María Teresa Martínez-Cañavate, Bárbara Oliván-Blázquez, Ana
Randomised controlled trial of paper, online and SMS diaries for collecting sexual behaviour information from young people
Megan S C Lim, Rachel Sacks-Davis, Campbell K Aitken, Jane S Hocking, Margaret E Hellard
Page: 885

Effectiveness and impact of hepatitis B virus vaccination of children with at least one parent born in a hepatitis B virus endemic country: an early assessment
Jan A C Hontelez, Susan Hahné, Femke H D Koedijk, Hester E de Melker
Page: 890

Factors associated with antihypertensive drug compliance in 83 884 Chinese patients: a cohort study
M C S Wong, J Y Jiang, S M Griffiths
Page: 895

The effects of binge drinking and social capital on violent victimisation: findings from Moscow
A Stickley, W A Pridemore
Page: 902

Association between intelligence and type-specific stroke: a population-based cohort study of early fatal and non-fatal stroke in one million Swedish men
Karin Modig Wennerstad, Karri Silventoinen, Per Tynelius, Lars Bergman, Finn Rasmussen
Page: 908

Educational inequalities in avoidable mortality in Europe
Irina Stirbu, Anton E Kunst, Matthias Bopp, Mall Leinsalu, Enrique Regidor, Santiago Esnaola, Giuseppe Costa, Pekka Martikainen, Carme Borrell, Patrik Deboosere, Ramune Kalediene, Jitka Rychtarikova, Barbara Artnik, Johan P Mackenbach
Page: 913

Air quality warnings and outdoor activities: evidence from Southern California using a regression discontinuity design
Matthew Neidell
Page: 921

The association between quality of primary care, deprivation and cardiovascular outcomes: a cross-sectional study using data from the UK Quality and Outcomes Framework
T Kiran, A Hutchings, I A Dhall, C Furlong, B Jacobson
Page: 927

Short report
Select this article A study on rural–urban differences in neonatal mortality rate in China, 1996–2006
Wang Yanping, Miao Lei, Dai Li, He Chunhua, Li Xiaohong, Li Mingrong, Zhou Guangxuan, Zhu Jun, Liang Juan
Page: 935
Gender equity is the key to maternal and child health
Page: 1939

Sharing public health data: necessary and now
Page: 1940

Synthetic cell created in a laboratory
Page: 1940

The continuing invisibility of women and children
Richard Horton
Page: 1941

India: conditional cash transfers for in-facility deliveries
Vinod K Paul
Page: 1943

Parents' death and survival of their children
Hussain R Yusuf, Hani K Atrash
Page: 1944

Momentum, mandates, and money: achieving health MDGs
Ann Starrs, Rotimi Sankore
Page: 1946

HIV and maternal mortality: turning the tide
Quarraisha Abdool-Karim, Carla AbouZahr, Karl Dehne, Viviana Mangiaterra, Jack Moodley, Nigel Rollins, Lale Say, Nathan Schaffer, James E Rosen, Isabelle de Zoysa
Page: 1948

A tale of two pills: when culture trumps technology
Cecile Richards, Vanessa Cullins
Page: 1950

Offline: The shadow of Empire
Richard Horton
Page: 1952

North-South Korea maternal health project to continue
Botswana reduces mother-to-child transmission of HIV
Adele Baleta
Page: 1954

Difficulties hit Bolivia's programme for pregnant women
Anastasia Moloney
Page: 1955

New laws could improve women's health in Pakistan
Kristin Elisabeth Solberg
Page: 1956

Perspectives

Maternal and child health—now, then, or when?
Joy Lawn
Page: 1957

Kiran's story
Priya Shetty
Page: 1958

Hazardous deliveries
Sonia Shah
Page: 1959

Flavia Bustreo: making partnerships for mothers and children
Kelly Morris
Page: 1960

Godfrey Mbaruku—an early hero of modern maternal health
Tony Kirby
Page: 1961

Shereen Bhutta—making obstetric care available in Pakistan
Kelly Morris
Page: 1962

Correspondence

New modelled estimates of maternal mortality
Wendy J Graham, David A Braunholtz, Oona MR Campbell
Junice Demeterio Melgar, Alfredo R Melgar
Page: 1963

Articles
Global, regional, and national causes of child mortality in 2008: a systematic analysis
Page: 1969

Julie Knoll Rajaratnam, Jake R Marcus, Abraham D Flaxman, Haidong Wang, Alison Levin-Rector, Laura Dwyer, Megan Costa, Alan D Lopez, Christopher JL Murray
Page: 1988

India's Janani Suraksha Yojana, a conditional cash transfer programme to increase births in health facilities: an impact evaluation
Stephen S Lim, Lalit Dandona, Joseph A Hoisington, Spencer L James, Margaret C Hogan, Emmanuela Gakidou
Page: 2009

Effect of parent's death on child survival in rural Bangladesh: a cohort study
Carine Ronsmans, Mahbub E Chowdhury, Sushil K Dasgupta, Anisuddin Ahmed, Marge Koblinsky
Page: 2024

Review

Page: 2032

Viewpoint

Issue attention in global health: the case of newborn survival
Jeremy Shiffman
Page: 2045

Case Report

A curious case of convulsion
Barbara V Erne, Carolin Exner, Thomas Frauenfelder, Simone Schmid, Walter Weder
Page: 2050
Lancet

Volume 376, Issue. 9743(4-10 September 2010)

Editorial

Physician, know thyself
Page: 743

Stigmatisation of problem-drug users
Page: 744

Perils of asthma research in vulnerable groups
Page: 744

Comment

Perioperative respiratory complications in children
Jerrold Lerman
Page: 745

Refractory breathlessness: oxygen or room air?
Irene J Higginson
Page: 746

A complement to kidney disease: CFHR5 nephropathy
S Ananth Karumanchi, Ravi Thadhani
Page: 748

Call for withdrawal of LABA single-therapy inhaler in asthma
Richard Beasley, Kyle Perrin, Mark Weatherall, Meme Wijesinghe
Page: 750

The impact of asthma guidelines
J Mark FitzGerald, Bradley S Quon
Page: 751

The Year of the Lung
Klaus F Rabe, Marc Decramer, Nikolaos Siafakas
Page: 753

Tracking radiation exposure of patients
Madan Rehani, Donald Frush
Page: 754

Offline: A kind of modern American condition
Richard Horton
Page: 756
World Report

Uganda steps up efforts to boost male circumcision
Wairagala Wakabi
Page: 757

German health reform compromise under attack
Rob Hyde
Page: 759

Perspectives

The paradoxes of asthma
Fernando D Martinez
Page: 761

Living with asthma
Talha Khan Burki
Page: 762

Heather Zar—improving lung health for children in Africa
Tony Kirby
Page: 763

Asthma and the value of contradictions
Ian Whitmarsh
Page: 764

Obituary

Robert Merritt Chanock
Stephen Pincock
Page: 766

Correspondence

Community-associated meticillin-resistant Staphylococcus aureus
Li-Yang Hsu, Limin Wijaya, Tse-Hsien Koh
Page: 767

Antitrypanosomal agents: treatment or threat?
Victor Sarli Issa, Edimar Alcides Bocchi
Page: 768

The International Study of Insulin and Cancer
L Grimaldi-Bensouda, M Marty, M Pollak, D Cameron, M Riddle, B Charbonnel, AH Barnett, P Boffetta, JF Boivin, M Evans, M Rossignol, J Benichou, L Abenhaim, for the ISICA group
Page: 769
Cause-of-death data to support MDG 4 progress
Tanja AJ Houweling, Prasanta Tripathy, Nirmala Nair, Anthony Costello, Audrey Prost
Page: 770

NICE guidelines on neonatal jaundice: at risk of being too nice
Daniele De Luca
Page: 771

The Lancet–Palestinian Health Alliance
John R Cohn, Steven M Albert, Paul S Appelbaum, Laurie Zoloth
Page: 771

Department of Error
Page: 772

Articles

Risk assessment for respiratory complications in paediatric anaesthesia: a prospective cohort study
Britta S von Ungern-Sternberg, Krisztina Boda, Neil A Chambers, Claudia Rebmann, Chris Johnson, Peter D Sly, Walid Habre
Page: 773

Effect of palliative oxygen versus room air in relief of breathlessness in patients with refractory dyspnoea: a double-blind, randomised controlled trial
Amy P Abernethy, Christine F McDonald, Peter A Frith, Katherine Clark, James E Herndon, Jennifer Marcello, Iven H Young, Janet Bull, Andrew Wilcock, Sara Booth, Jane L Wheeler, James A Tulsky, Alan J Crockett, David C Currow
Page: 784

Identification of a mutation in complement factor H-related protein 5 in patients of Cypriot origin with glomerulonephritis
Page: 794

Clinical Picture

Jugular venous pressure: a cardinal sign
Giuseppe Ferrante, Francesca Pugliese, Carlo Di Mario
Page: 802

Review

Asthma in older adults
Peter G Gibson, Vanessa M McDonald, Guy B Marks
Page: 803
Management of severe asthma in children
Andrew Bush, Sejal Saglani
Page: 814

Role of viral respiratory infections in asthma and asthma exacerbations
William W Busse, Robert F Lemanske, James E Gern
Page: 826

The role of dendritic and epithelial cells as master regulators of allergic airway inflammation
Bart N Lambrecht, Hamida Hammad
Page: 835

Case Report

Dangers in the garden
Simon M Patten, Emma Sur, Radha Sundaram, Barbara Weinhardt
Page: 844
Editorial

Hepatitis E vaccine: why wait?
Page: 845

Providing paediatric palliative care in Kenya
Page: 846

The power of praise
Page: 846

Comment

Ivabradine in heart failure—no paradigm SHIFT…yet
John R Teerlink
Page: 847

Hepatitis E vaccine: not a moment too soon
Scott D Holmberg
Page: 849

Emotional abuse: a neglected dimension of partner violence
Rachel Jewkes
Page: 851

Philip Morris versus Uruguay: health governance challenged
Raphael Lencucha
Page: 852

New trends in health inequalities research: now it's personal
Johan P Mackenbach
Page: 854

Even low-dose lead exposure is hazardous
Philippe Grandjean
Page: 855

Ending inequities in access to effective pain relief?
Jonathan Liberman, Megan O'Brien, Wayne Hall, David Hill
Page: 856

Offline: Japan: a mirror for our future
Richard Horton
Page: 858
World Report

Health-care dynamics in Haiti
Patrick Adams
Page: 859

Ethiopia struggles to make its voice heard
Samuel Loewenberg
Page: 861

Perspectives

The humanitarian impulse
Chris Beyrer
Page: 863

Art about addiction
Chloe AV Hunt
Page: 864

Sakena Yacoobi: leader for Afghan women's health and education
Samuel Loewenberg
Page: 865

When praise is worth considering in a difficult conversation
Anthony L Back, Robert M Arnold, Walter F Baile, Kelly A Edwards, James A Tulsky
Page: 866

Obituary

Geoffrey John Fraser Dutton
Ruth Williams
Page: 868

Correspondence

Neglected hepatitis E and typhoid vaccines
Buddha Basnyat
Page: 869

Clinical assessment incorporating a personal genome
Brandon L Pierce, Habibul Ahsan
Page: 869

Flexible sigmoidoscopy to prevent colorectal cancer
Jan BMJ Jansen
Page: 870

Childhood mortality due to respiratory syncytial virus
Manoj Kumar
Effect of vitamin A supplementation on maternal survival
Keith P West, Parul Christian, Joanne Katz, Alain Labrique, Rolf Klemm, Alfred Sommer
Page: 873

Corruption in health systems
Sania Nishtar
Page: 874

Articles

Ivabradine and outcomes in chronic heart failure (SHIFT): a randomised placebo-controlled study
Karl Swedberg, Michel Komajda, Michael Böhm, Jeffrey S Borer, Ian Ford, Ariane Dubost-Brama, Guy Lerebours, Luigi Tavazzi, on behalf of the SHIFT Investigators
Page: 875

Heart rate as a risk factor in chronic heart failure (SHIFT): the association between heart rate and outcomes in a randomised placebo-controlled trial
Michael Böhm, Karl Swedberg, Michel Komajda, Jeffrey S Borer, Ian Ford, Ariane Dubost-Brama, Guy Lerebours, Luigi Tavazzi, on behalf of the SHIFT Investigators
Page: 886

Efficacy and safety of a recombinant hepatitis E vaccine in healthy adults: a large-scale, randomised, double-blind placebo-controlled, phase 3 trial
Feng-Cai Zhu, Jun Zhang, Xue-Feng Zhang, Cheng Zhou, Zhong-Ze Wang, Shou-Jie Huang, Hua Wang, Chang-Lin Yang, Han-Min Jiang, Jia-Ping Cai, Yi-Jun Wang, Xing Ai, Yue-Mei Hu, Quan Tang, Xin Yao, Qiang Yan, Yang-Ling Xian, Ting Wu, Yi-Min Li, Ji Miao, Mun-Hon Ng, James Wai-Kuo Shih, Ning-Shao Xia
Page: 895

Violence against women by their intimate partner during pregnancy and postnatal depression: a prospective cohort study
Ana Bernarda Ludermir, Glyn Lewis, Sandra Alves Valongueiro, Thália Velho Barreto de Araújo, Ricardo Araya
Page: 903

Seminar

Primary ovarian insufficiency
Michel De Vos, Paul Devroey, Bart CJM Fauser
Page: 911

Health Policy

Introduction of European priority review vouchers to encourage development of new medicines for neglected diseases
David B Ridley, Alfonso Calles Sánchez
Page: 922
Case Report

How many lives does an ulcerative colitis patient have?
Daniel C Baumgart
Page: 928
New England Journal of Medicine

Volume 363, Issue. 11 (9 September 2010)

Perspective

Screening Student Athletes for Sickle Cell Trait — A Social and Clinical Experiment
V.L. Bonham, G.J. Dover, L.C. Brody
Page: 997

Defining Medical Expenses — An Early Skirmish over Insurance Reforms
J.K. Iglehart
Page: 999

Patient Safety beyond the Hospital
T.K. Gandhi, T.H. Lee
Page: 1001

Original Articles

Rapid Molecular Detection of Tuberculosis and Rifampin Resistance
C.C. Boehme and Others
Page: 1005

E2-2 Protein and Fuchs's Corneal Dystrophy
K.H. Baratz and Others
Page: 1016

Persistent Malignant Stem Cells in del(5q) Myelodysplasia in Remission
R. Tehranchi and Others
Page: 1025

Gentamicin–Collagen Sponge for Infection Prophylaxis in Colorectal Surgery
E. Bennett-Guerrero and Others
Page: 1038

Review Article

Current Concepts: MDR Tuberculosis — Critical Steps for Prevention and Control
E. Nathanson and Others
Page: 1050

Images in Clinical Medicine

Miliary Tuberculosis
X.-D. Mu, G.-F. Wang
Page: 1059

Ocular Loiasis
Case Records of the Massachusetts General Hospital

A 73-Year-Old Woman with Chronic Anemia
E.C. Attar, R.P. Hasserjian
Page: 1060

Editorials

Tuberculosis Diagnosis — Time for a Game Change
P.M. Small, M. Pai
Page: 1070

Major Progress in Fuchs's Corneal Dystrophy
A.F. Wright, B. Dhillon
Page: 1072

Sounding Board

Lessons from the Mammography Wars
K.H. Quanstrum, R.A. Hayward
Page: 1076

Clinical Implications of Basic Research

Basophils and Nephritis in Lupus
S.V. Kaveri, L. Mouthon, J. Bayry
Page: 1080

Correspondence

Bisphosphonates and Atypical Femoral Fractures
Page: 1083

Infliximab, Azathioprine, or Combination Therapy for Crohn's Disease
Page: 1083

Syphilis and Social Upheaval in China
Page: 1083

Retinal Injuries from a Handheld Laser Pointer
1083

Kidney Paired Donation in Live-Donor Kidney Transplantation
Page: 1083

Corrections
Page: 1092
Southern Economist

Volume 49, Issue 7 (August 2010)

Contents

Employees perception towards assessment of performance through performance management system  
U Maiya and S P  
Page: 5

Infrastructure development in India: Current issues and future options  
K P V Chandran  
Page: 9

Economic analysis of Mahatma Gandhi NREGS: A study  
P Jayshress, K Subramanian, N Murali and S M J Peter  
Page: 12

Impact of NREGA on the living condition of rural poor  
G V Naidu, T Gopal and K Nagabhusan  
Page: 17

Rural youth employment through Rajiv Yuva Shakthi Programme  
G Sivaiah and T C Sanjeeva Rayudu  
Page: 21

Land acquisition for SEZs in India: Theoretical perspective  
P Murugesan and P K Bandgar  
Page: 26

Role of SSIs in eradication of poverty: A micro study  
K Vetrivel S lyyampillai and S J R Krishnan  
Page: 29

Impact of corporate governance on financial performance of Banks and Financial institutions  
M S Murugan  
Page: 33

SHGs: Micro-finance strategy in empowering rural women  
V S Kumar, A T Sahad and M Karuppiah  
Page: 37

Changing rural customer profile: A case with life insurance  
K N Rao  
Page: 41
SEZs and revisiting of colonalization-An assessment
J C Miranda
Page: 44

Inclusive growth: Why it is important?
R Mehta
Page: 47

Production and marketing of pistachio in Iran
K T sanjarani and M Devaraj
Page: 51
Southern Economist

Volume 49, Issue. 9 (September 2010)

Contents

Technological progress in the agriculture: A review
M Duhan and L Yadav
Page: 5

Horticultural prospect and emerging export potential
M S Deshmukh
Page: 8

Rural India indebtedness, farmers suicide in Karnataka, causes and consequences- A critical analysis
K Hanumanthappa
Page: 11

Factors influencing participation of farmers in regulated markets
N Namasivayam and M karuppuchamy
Page: 15

Global economic recession and changes in macro-economic variables in world economy
M N Shinde and D K More
Page: 19

Customer perception on retail banking: A micro study
K A Kumar and K Praveeth
Page: 23

Recent trends in changing residential system and land market in Urban area
J M and A nusrath
Page: 27

Implementation of labour welfare measure in PSUs of Kerala
B Harilal and G J Chandran
Page: 30

Challenges and opportunities of pharmaceutical marketing in patent regime
M C Mahesh and D Anand
Page: 33

Export of black pepper from India: An analysis
S Karthikeyan and M P Mahesh
Page: 37

Strategic management in tourism industry
Knitwear industry in Tirupur: A study
J Paramasivam
Page: 44

Reservations- Privatisation in view of Indian societies
J V Kumar
Page: 47

Does teaching note-taking strategy make a difference in EFL context: A case study in Iran
H S Hosseini
Page: 51
Studies in Family Planning

Volume 41, Issue. 3 (September 2010)

Articles

Physical and Sexual Abuse of Wives in Urban Bangladesh: Husbands' Reports
William Sambisa, Gustavo Angeles, Peter M. Lance, Ruchira T. Naved and Siân L. Curtis
Page: 165

Predictive Ability and Stability of Adolescents’ Pregnancy Intentions in a Predominantly Latino Community
Corinne H. Rocca, Alan E. Hubbard, Jennifer Johnson-Hanks, Nancy S. Padian and Alexandra M. Minnis
Page: 179

Women and High Fertility in Islamic Northern Nigeria
Chimaraoke O. Izugbara and Alex C. Ezeh
Page: 193

The Impact of a Quality-improvement Package on Reproductive Health Services Delivered by Private Providers in Uganda
Sohail Agha
Page: 205

The Influence of Informed Consent Content on Study Participants' Contraceptive Knowledge and Concerns
Rob Stephenson, Kristina Grabbe, Bellington Vwalika, Yusuf Ahmed, Cheswa Vwalika, Alan Haworth, Laurie Fuller, Fong Liu, Elwyn Chomba and Susan Allen
Page: 217

Data

Ukraine 2007: Results from the Demographic and Health Survey
Page: 225

Zambia 2007: Results from the Demographic and Health Survey
Page: 230

Book reviews

Contraception: A History Translated by Vicky Russell
Andrzej Kulczycki
Page: 236

Michel Caraël and Judith R. Glynn (editors) HIV, Resurgent Infections and Population Change in Africa
Audrey Pettifor
Page: 283
University News

Volume 48, Issue. 35 (30 August-5 September 2010)

Articles

Panjab University, Chandighrah: A profile
Page: 1

Expansion of higher education: a new hyme of knowledge revolution
Page: 7

Quality and excellence in higher education: Issues and perspectives
Page: 16

Knowledge economy: Indian context
Page: 18

Meeting the challenge of knowledge age in higher education: Innovate and adopt best practices
Page: 21

Reaching the unreached for crossing new horizons
Page: 27

Legal literacy for women empowerment: Some indispensable areas for expanding horizons of higher education
Page: 30

Recognizing challenges and expanding horizons of medical education in India
Page: 34

Wiki: A web based technology for reflective, collaborative and constructive learning in higher education
Page: 38

Inaugral Address

Mahatma Gandhi Kashi Vidyapith, Varanasi
Page: 49

Convocation

Indian Institute of Technology Delhi, New Delhi
Page: 52

Campus News

Page: 55
University News

Volume 48, Issue. 36 (6-12 September 2010)

Articles

In search of online learning in India
Page: 1

Expanding the scope of open distance learning development in India
Page: 8

Privatization of higher education in India: Rationale and perspectives
Page: 13

Moulding entrepreneurial universities for creative knowledge
Page: 19

Convocation

NALSAR University of Law, Hyderabad
Page: 24

Campus News
Page: 27

Theses of the month

Science and Technology
Page: 33

Advertisements
Page: 38
Yoga and Total Health

Volume LV, Issue. 12 (July 2010)

Yoga News
A N. Desai
Page: 2

Letters to the editor
Page: 4

Shri Yogendraji and his times
N K Bhave
Page: 5

Yoga for beginners
Hansaji
Page: 7

Coronary Heart disease
Page: 9

Why difficult Asanas?
P Mistry
Page: 11

Klesas
J Y
Page: 12

The story that stirs .....A long standing question
P Yogendra
Page: 13

The Yogas Sutras of Patanjali
Hansaji
Page: 15

Game—Asanas
Page: 16

Human body from Medical and Yogic view point
R S Bhattacharya
Page: 17

To learn
T Mirchandani
Page: 19
Saintly souls
S Modi
Page: 20

Ahara
Page: 20

Will power
P J Sequeira
Page: 21

The joy of understanding and knowing our duties
J Kimbrough
Page: 22

Our so-called knowledge
Anonymous
Page: 23

Thoughts of Gita
Hansaji
Page: 24
Yoga and Total Health

Volume LV1, Issue. 1(August 2010)

Yoga news
A N Desai
Page: 2

Letters to the editor
Page: 4

Talk by Justice Shri Dharmadhikari
Page: 5

U. S. Senate Health Reform
Journal of Yoga Therapy
Page: 7

Desires
J Y
Page: 8

About healing in ancient Europe
H Naura
Page: 9

The Yoga Sutras of Patanjali
Hansaji
Page: 10

Care of the eyes
An interview
Page: 11

One page photo
Page: 14

Can you manage your emotions?
B L Agrawala
Page: 15

The story that stirs….encouragement
P J Yogendra
Page: 17

Tantra and Yoga
S Vincente
Page: 18
Half a century of the Yoga Institute
S P Duggal
Page: 19

An early seed
T Mirchandani
Page: 20

Pillars of wisdom
H Sequeira
Page: 21

Ahara
Page: 22

The Tamasic state
J Kimbrough
Page: 23

Thoughts of the Gita
Hansaji
Page: 24
Yoga and Total Health

Volume LV1, Issue. 2(September 2010)

Yoga news
A N Desai
Page: 2

Letters to the editor
Page: 4

Sincere commitment
J Y
Page: 5

Real Yoga
Hansaji
Page: 6

History of tantra-Landmarks
Anonymous
Page: 7

Health is wealth
S Soni
Page: 8

The story that stirs….Painting god
P J Yogendra
Page: 9

Darsanopnishad on Pranayama
Page: 10

Implicit obedience to the guru
Sadhaka
Page: 11

Prevention of disease
Hansaji
Page: 12

The Vedas
Page: 13

Individual and community health care
N K Malviya, K K Chopra, S B Joshi
Page: 14
Egyptians Yoga
W J Flagg
Page: 16

The Yoga Sutras of Patanjali
Hansaji
Page: 18

Concentration through Tratka
Page: 19

The Past
Anonymoyus
Page: 20

Ahara
Page: 20

How did 7 months teacher training course change me
B Dolder
Page: 21

Up hill, down hill
T Mirchandani
Page: 22

Save self
S Desai
Page: 23

Can we conserve Yogic heritage
V Nadkarni
Page: 23

Thoughts of the Gita
Hansaji
Page: 24