

ORIGINAL ARTICLES

**Political, economic, and health system determinants of tuberculosis incidence**

A.E. Rutherford · L. Unruh 541

**Feasibility and organization of a population-based screening for pre-symptomatic type 1 diabetes in children — evaluation of the Fr1da study**

K. Kick · V.S. Hoffmann · K. Lange · M. Lang · O. Laub · S. Bechtold-Dalla Pozza · D. Böcker · S. Braig · B. Dietz · D. Dunstheimer · S. Eber · U. Ermer · A. Gavazzeni · E.-M. Gerstl · M. Götz · F. Huhn · U. Kuhnle-Krahl · W. Landendörfer · G. Leipold · K.-H. Leppik · H. Müller · I. Müller · N. Nellen-Hellmuth · C. Ockert · C. Renner · M. Sindichakis · S. Tretter · K. Warncke · C. Winkler · S. Zeller · P. Achenbach · A.-G. Ziegler 553

**Utilization of short message service (SMS) in non-pharmacological management of hypertension. A pilot study in an URBAN public hospital of Multan, Pakistan**

A.u. Rehman · F. Naeem · S. Abbas · F. Ashfaq · M.A.A. Hassali 561

**Examining the connection between residential histories and obesity among Ghanaians: evidence from a national survey**

V.Z. Kuuire · E. Bisung · J.M. Were 569

**A survey to validate the traditional Siddha perception of diabetes mellitus**

A. Vijay · P. Ranganathan · B. Vellingiri 581

**What are the drivers of cross-generational physical activity? Exploring the experiences of children and parents**

K. Freire · R. Pope · J. Coyle 591

**Accuracy of self-reported weight compared to measured BMI among rural middle school students in Michigan**

O.O. Ogunleye · M. Mabilia · R. Anderson 603

**The German recommendations for physical activity promotion**

K. Abu-Omar · A. Rütten · S. Messing · K. Pfeifer · U. Ungerer-Röhrich · L. Goodwin · I. Burlacu · G. Gediga 613

**Gaps in nutrition knowledge and barriers to eating healthy among low-income, school-going adolescent girls in Delhi**

S. Rastogi · P. Mathur · A. Khanna 629

**Contraceptive use and unmet need for family planning among women with at least one child in rural Uttar Pradesh: the role of wealth and gender composition of children**

B.G. Chauhan · R. Nagarajan 637

**Sociodemographic disparities in the consumption of ultra-processed food and drink products in Southern Brazil: a population-based study**

S.G.I. Ozcariz · K.J. Pudla · A.P.B. Martins · M.A. Peres · D.A. González-Chica 649

**Thai diabetes prevention education program: development and validation of the Thai physical activity questionnaire for at-risk people**

M. Chirdkiatisak · K. Sranacharoenpong · P. Churak · P. Praditsorn 659

**Shade in playgrounds: findings from a nationwide survey and implications for urban health policy**

R. Gage · N. Wilson · L. Signal · G. Thomson 669

**Age and socioeconomic gradients in frailty among older adults in India**

M. Chaudhary · R. Chowdhary 675