

Departmental Publications:

2018

Galappaththi-Arachchige, H.N, Holmen S, Koukounari S, Kleppa E, Pillay P, Sebitloane M, NdhlovuP,

et al. "Evaluating Diagnostic Indicators of Urogenital Schistosoma Haematobium Infection in Young

Women: A Cross Sectional Study in Rural South Africa." *PloS one* 13, no. 2 (2018): e0191459.

2017

Mkhize, B., Mabaso, M., Mamba, T., Napier, C. and Mkhize-Kwitshana, Z. 2017. The Interaction between HIV and Intestinal Helminth Parasites Coinfection with Nutrition among Adults in KwaZulu-Natal, South Africa. *BioMed Research International*, 2017

Mbatha, J. N., Taylor, M., Kleppa, E., Lillebo, K., Galapaththi-Arachchige, H. N., Singh, D., Kjetland, E. F., Baay, M. F. and Mkhize-Kwitshana, Z. L. 2017. High-risk human papillomavirus types in HIV-infected and HIV-uninfected young women in KwaZulu-Natal, South Africa: implications for vaccination. *Infectious Diseases*, 49 (8): 601-608.

Malapermal, V., Botha, I., Krishna, S. B. N. and **Mbatha, J. N.** 2017. Enhancing antidiabetic and antimicrobial performance of *Ocimum basilicum*, and *Ocimum sanctum* (L.) using silver nanoparticles. *Saudi Journal of Biological Sciences*, 24 (6): 1294-1305.

Mbatha J, Galapaththi-Arachchige H, Mtshali A, et al. Self-sampling for human papillomavirus testing

among rural young women of KwaZulu-Natal, South Africa. *BMC research notes*.2017;10(1):702.

Mbatha JN, Taylor M, Kleppa E, et al. High-risk human papillomavirus types in HIV-infected and HIV-

uninfected\young women in KwaZulu-Natal, South Africa: implications for vaccination.*Infectious*

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Gojo ME & **Prakaschandra R.** Acute systemic inflammatory response after cardiac surgery in patients infected with human immunodeficiency virus using clinical and

inflammatory markers. *Afr Health Sci.* 2017; 17(3):719-728. <https://dx.org/10.4314/ahs.v17i3.14>

Prakaschandra R & Naidoo DP. Increased waist circumference is the main driver for the development of the metabolic syndrome in South African Asian Indians. *Diab Met Syndr: Clin Res Rev* 2017; 115: S81-S85. <http://dx.doi.org/10.1016/j.dsx.2016.12.011>

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Prakaschandra DR, Gordon M & Naidoo DP. Are common polymorphisms of the Lipoprotein Lipase and Human Paraoxonase-1 Genes Associated with the metabolic syndrome in South African Asian Indians? *J Clin Exp Cardiol* 2016;7 (6):452

Meyer R, Van Schalkwyk SC, **Prakaschandra R**. The operating room as a clinical learning environment: An exploratory study. *Nurse Education in Practice* 2016(18):60-72

Prakaschandra DR, Esterhuizen T, Motala AA, Gathiram P, Naidoo DP. High prevalence of cardiovascular risk factors in Durban South African Indians: The Phoenix Lifestyle Project. *South African Medical Journal* 2016; 106(3):284-289

Prakaschandra R & Naidoo DP. Increased waist circumference is the main driver for the development of the metabolic syndrome in South African Asian Indians. *Diab Met Syndr: Clin Res Rev* (2016). <http://dx.doi.org/10.1016/j.dsx.2016.12.011>

Prakaschandra R. Type two diabetes mellitus: an overview of prevalence, pathogenesis, complications and treatment options. *Medical Technology* 2016; 30(2): 17-21.

Prakaschandra DR & Naidoo DP. Glycaemic control profile in diabetic patients: A sub-analysis of the Phoenix Lifestyle Project. *EMBJ* 2016; 11(05):33-39. 2016

Pillay, P., van Lieshout, L., Taylor, M., Sebitloane, M., Zulu, S. G., Kleppa, E., Roald, B. and Kjetland, E. F. 2016. Cervical cytology as a diagnostic tool for female genital schistosomiasis: Correlation to cervical atypia and *Schistosoma* polymerase chain reaction. *Cytojournal*, 13 (1): 10.

Holmen, S., Galappaththi-Arachchige, H. N., Kleppa, E., **Pillay, P.**, Naicker, T., Taylor, M., Onsrud, M., Kjetland, E. F. and Albrechtsen, F. 2016. Characteristics of blood vessels in female genital schistosomiasis: Paving the way for objective diagnostics at the point of care. *PLoS Neglected Tropical Diseases*, 10 (4): e0004628.

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Holmen SD, Kleppa E, Lillebø K, **Pillay P**, van Lieshout L, Taylor M, Albrechtsen F, Vennervald BJ, Onsrud M, Kjetland EF, 2015. The First Step Toward Diagnosing Female Genital Schistosomiasis by Computer Image Analysis. *The American Journal of Tropical Medicine and Hygiene*: 15-0071.

Malapermal, V., **Mbatha, J.**, Gengan, R. and Anand, K. 2015. Biosynthesis of bimetallic Au-Ag nanoparticles using *Ocimum basilicum* (L.) with antidiabetic and antimicrobial properties. *Advanced Materials Letters*, 6 (12): 1050-1057.

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Pillay P, Taylor M, Zulu SG, Gundersen SG, Verweij JJ, Hoekstra P, Brien EA, Kleppa E, Kjetland EF, van Lieshout L, 2014. Real-time polymerase chain reaction for detection of *Schistosoma* DNA in small-volume urine samples reflects focal distribution of urogenital Schistosomiasis in primary school girls in KwaZulu Natal, South Africa. *The American Journal of Tropical Medicine and Hygiene* 90: 546-552.

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