

**64<sup>th</sup> Annual CARPHA Health Research Conference 2019**  
**Poster Programme**

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- (P – 1) ***Trends of Pseudomonas species and Acinetobacter species in a public hospital setting, Guyana***  
R Kurup, O Sturge, T Wilson, K Wilson, A Wilson-Pearson, C Boston
- (P – 2) ***The effects of structured physician delivered counselling on physical activity levels in sedentary primary care clinic attendees: A single blinded randomized controlled trial***  
M Clapperton, RG Maharaj, S Motilal, T Babwah
- (P – 3) ***Knowledge, attitudes and practices towards sugar sweetened beverage use and taxation among persons living with Type 2 diabetes mellitus attending polyclinics in Barbados***  
K Mangera
- (P – 4) ***Factors affecting the level of compliance among filaria patients to their routine care, from August 14, 2018 — September 19, 2018 at the Ministry of Public Health Filaria Clinic***  
L Harris, D Austin, K Jaikarran, K Lee, M Rajaram, R Singh
- (P – 5) ***An evaluation of the food choices and lifestyle of women with gestational diabetes in urban Trinidad***  
I Francis-Granderson, A Surujlal, K Francis-Jack, K Rocke
- (P – 6) ***Herbal medicine use among pregnant and postnatal women attending a tertiary health institution In Trinidad***  
Z Ramsingh, N Rattan, C Revanales, W Robertson, B Rolle, S Roopchan, W Roy, Y Clement
- (P – 7) ***A feasibility assessment of establishing a Wellness Centre in Buxton***  
J Isaacs, Q Jones, E Hamilton, K Yaw, C Charles
- (P – 8) ***Boarding Emergency Department patients in a developing country: Short-term outcomes***  
OA Perreira, Z Bux, KV Iserson
- (P – 9) ***Ethics analysis of the legalization of marijuana on public health in the Caribbean***  
R Adams
- (P – 10) ***The effectiveness of Guyana referral network in the management of snake bite***  
M Idal, G Tatkan, S Bender, E Hamilton, O Williams
- (P – 11) ***Developments in cancer control in Antigua and Barbuda***  
G Jones, G Avery, K Jones
- (P – 12) ***An assessment of childhood and adolescent obesity and competitive food environments in primary and secondary schools in St George East and Tobago Educational Districts***  
M Dowrich-Prince, M Webb, S Bawa, I Granderson, P Dyett
- (P – 13) ***A clinical audit on physician adherence to eye/foot screening clinical practice guidelines for Type 2 diabetes mellitus patients at the Penal Rock Road Health Centre, South Trinidad, 2015–2017***  
ND Maharaj, K Dharamraj
- (P – 14) ***Screening of potential anti-diabetic properties of Barbadian folklore from medicinal plants using a non-conventional drug target***  
K Archer, A Bharatha, T Scantlebury-Manning, D Cohall
- (P – 15) ***Communication channels influence on parental attitudes towards nutrition of children with disabilities***  
PD Jackson, FE Morris, ME Reid
- (P – 16) ***A needs assessment survey of households in St Croix in the aftermath of Hurricanes Irma and Maria***  
MH Campbell, MK Emmanuel

- (P – 17) ***Nurses' documentation of client teaching and discharge planning on medical wards at a Jamaican hospital***  
K Abdul-Kareem, JLM Lindo, R Stennett
- (P – 18) ***Generating support for food safety policies in Caribbean Nations: An approach for Trinidad and Tobago***  
VA Partapsingh, C Poon-King
- (P – 19) ***A SWOT analysis to assess the feasibility of implementing an environmental health surveillance system for the Caribbean Region***  
A Mitchell, R Adams
- (P – 20) ***Doctor of Medicine in Internal Medicine at University of the West Indies, Cave Hill: 1988–2018***  
CN George
- (P – 21) ***Determinants of glycaemic control in a specialist diabetes population in Barbados***  
CN George
- (P – 22) ***Attitudes of emergency medical services stakeholders in Barbados: A convergent parallel mixed-methods study***  
HA Smith
- (P – 23) ***The use of tracer medicines for the monitoring of availability of maternal and child health medicines: The case of Guyana***  
Y Mahadeo, W Adu-Krow, G Dath, VE Bachan
- (P – 24) ***A catastrophic cost of tuberculosis on infected patients and their affected households in Regions 2, 4 and 8 in Guyana, 2018***  
S Rodrigues, L Ferguson, T Mallampati
- (P – 25) ***Detection of extended-spectrum beta-lactamase and AmpC beta-lactamase production in clinical isolates of Escherichia coli and Klebsiella pneumoniae in a tertiary care hospital in Georgetown, Guyana***  
P Cheddie, M Scott, E Miller, B Sukh
- (P – 26) ***The implementation of a standardized paper-based chronic non-communicable diseases registry at primary healthcare clinics, South-West Regional Health Authority, 2017***  
K Dharamraj, V Birju-Balraj
- (P – 27) ***Adolescent smoking and the Health Belief Model: A literature review***  
V Bachan, W Adu-Krow
- (P – 28) ***Climate change, food security and small island developing states in the Caribbean***  
M Husain, J Hospedales
- (P – 29) ***Effectiveness of niosomal (non-ionic surfactant vesicles) levofloxacin in a Staphylococcus aureus model of peritonitis in sprague dawley rats***  
S Jankie, J Johnson, AS Adebayo, GK Pillai, LM Pinto-Pereira
- (P – 30) ***Perspectives from the congregations taking action against non-communicable diseases (CONTACT) study: Opportunities and challenges for a paradigm shift in strengthening primary healthcare systems***  
S Harding, C Elia, R Gobin, U Read, S Goberdhan, O Perreira, M Sharma, T Thomas, M Ramdeen, A Cort, R Wilks, I Govia, M Rambaran, R Emmanuel, R Nasiro, A Abdulkadri, T Palmer, J Sandall, L Poston, TA Samuels, K Cruickshank
- (P – 31) ***Recruitment and training of health advocates in the congregations taking action against non-communicable diseases (CONTACT) study in Guyana: Challenges and solutions***  
O Perreira, UM Read, R Gobin, S Goberdhan, M Sharma, M Ramdeen, T Thomas, A Cort, R Wilks, I Govia, R Emmanuel, R Nasiro, A Abdulkadri, T Palmer, J Sandall, L Poston, TA Samuels, K Cruickshank, S Harding
- (P – 32) ***Understanding the drivers of childhood: Important preliminary findings of qualitative inquiry into the socio-ecological factors influencing childhood obesogenic environments in the island of Barbados***  
NS Greaves, N Sobers, E Arthur-Phillips, H Harewood
- (P – 33) ***Identifying health determinants in rural Trinidad with a community-based participatory research approach***  
S Ishkin, JA Ducey, S Bidaisee

- (P – 34) ***The cost to fully immunize an infant at one-year in Guyana***  
E Hamilton, G Tatkhan, S Bender-Pelsjwik, J Goveia, K Johnson, O Williams
- (P – 35) ***Exclusive breast-feeding among mothers at health centres in the North Central Regional Health Authority in Trinidad and its associated factors: A cross-sectional study***  
N Rampersad, RG Maharaj, S Motilal
- (P – 36) ***Breast cancer experience in Antigua and Barbuda at The Cancer Centre Eastern Caribbean***  
G Jones, K Jones
- (P – 37) ***Sustainable Development Goal SDG6: The water sanitation and hygiene sector in Trinidad and Tobago in relation to the Global analysis and assessment of drinking water, sanitation and hygiene Survey GLAAS 2018***  
C Poon-King
- (P – 38) ***Prevalence of features suggestive of asthma phenotypes among toddlers in Barbados: A prospective audit of cohort of babies born in 2015–2017***  
A Kumar, N Belgrave
- (P – 39) ***Exploring the role of the public and private funded primary healthcare facilities for children in a pluralistic healthcare setting of Barbados***  
A Kumar, K Krishnamurthy, AL Nielsen
- (P – 40) ***The perceived needs of parents caring for children with special needs at the Ptolemy Reid Rehabilitation Centre, Georgetown, Guyana***  
NM Munroe, AA Sparman, L Stephanas
- (P – 41) ***Evaluating dissemination activities designed to bridge the gap between research and practice***  
NP Sobers, S Forde, SM Jeyaseelan, I Hambleton
- (P – 42) ***Knowledge, attitudes and practices of lymphatic filariasis and the mass drug administration – A pilot study in two communities in Guyana***  
E Tyrell, BA Ali, S Christophe, R Singh
- (P – 43) ***Cerebral palsy: Assessing caregiver knowledge and its impact on family life***  
E Cunje, T Davidson
- (P – 44) ***Is there need for a Paediatric Emergency Department at Georgetown Public Hospital?***  
M Persaud, R Luknauth, N Somwaru
- (P – 45) ***A pilot study on the prevalence of pre-diabetes and its perceived risk factors among University of Guyana students***  
C Boston, S Ramjas, G Bacchus, M McKenzie, R Kurup
- (P – 46) ***Incidence of pre-diabetes and its' association with central obesity among a sampled University of Guyana, Turkeyen Campus, students***  
A Anderson, D Simpson, D Jordan, R Kurup, C Boston
- (P – 47) ***The effectiveness of salivary glucose as a non-invasive method of monitoring glucose metabolism***  
M McKenzie, D Archer, N Hodge, S Mc Kenzie, C Boston
- (P – 48) ***Caregivers' knowledge, attitudes and practices of seizures and use of anti-seizure medications among patients admitted to Paediatric Neurology Clinic, Georgetown Public Hospital***  
D Singh, S Chatterdeo
- (P – 49) ***Glaucoma and patient compliance with anti-glaucoma medication at the University Hospital of the West Indies, Jamaica***  
D Dietrich, M McKoy, K James, D Cameron-Swabey
- (P – 50) ***Quality of antenatal care services at healthcare centres in the tropical rainforest of Suriname***  
GK Baldewsingh, BC Jubitana, ED van Eer, MY Lichtveld, L Shi, CWR Zijlmans

- (P – 51) **Climate and public health: A participatory, transdisciplinary approach to examining the impact of climate and weather events on the health of Caribbean communities**  
M Lichtveld, F Abdoel-Wahid, P Mendez-Lazaro, Z Guido
- (P – 52) **Urinary pesticide metabolite concentrations in pregnant women from Suriname**  
CS Alcalá, W Zijlmans, M Lichtveld, F Abdoel-Wahid, S MacDonald-Ottevanger, A van Sauers-Muller, J Wickliffe
- (P – 53) **Health literacy in patients requiring joint replacement**  
R Rampersad, M Mencía
- (P – 54) **The demographics and the morbidity profile of children attending a private paediatric primary care facility, in the pluralistic healthcare settings of Barbados – role of private paediatrician in primary care for children**  
A Kumar, C Ugwuagu
- (P – 55) **Endometrial cancer in Barbados: A ten-year retrospective study**  
S Date, D Best, D Skeete, N Ojeh, H Harewood, D Cohall
- (P – 56) **Obesity and weight concerns in children with special needs in a developing country**  
P Bahadursingh, V Siew, M Maharaj, C Legall, S Bachan
- (P – 57) **Determining associations between the occurrence of depression and socio-demographic factors in persons 65 years and older presenting to the Accident and Emergency Department of the Princess Margaret Hospital**  
L Storr, C Wells, M Frankson
- (P – 58) **Characteristics of heart failure admissions between 2013 and 2015 in the Academic Hospital Paramaribo in Suriname**  
S Sairras, S Baldew, K van der Hilst, L Shi, C Zijlmans, M Lichtveld
- (P – 59) **Knowledge, attitudes, practices and beliefs regarding prostate cancer among adult men working in Government Ministries in Georgetown**  
N Roach, E Tyrell
- (P – 60) **Normative values for handgrip strength in the adult population of Trinidad and Tobago**  
E Budhoo, M Mencía
- (P – 61) **Contributions and challenges of health economics in Guyana: A critical focus**  
B Nipan, M Vargas, DK Brooks
- (P – 62) **Diabetes Type 2 – Case study of patients between ages of 10 and 28 at Demerara Paradise Limited of Guyana in 2018**  
B Nipan, M Vargas, DK Brooks
- (P – 63) **Knowledge and confidence among Georgetown Public Hospital staff, post-paediatric fundamentals of critical care support course: A preliminary assessment**  
M Seepersaud, T Davidson, M Shewram
- (P – 64) **Clinical debut of acquired immunodeficiency syndrome (AIDS): A case study at the Demerara Paradise Limited in 2018 of Guyana**  
B Nipan, M Vargas, DK Brooks
- (P – 65) **The role of health economics in the updating process of the economic pattern of Guyana in 2018**  
B Nipan, M Vargas, DK Brooks
- (P – 66) **Participatory mapping informs implementation of the congregations taking action against non-communicable diseases (CONTACT) Study health system strengthening intervention in rural Guyana**  
S Goberdhan, R Gobin, O Perreira, M Sharma, M Ramdeen, T Thomas, S MacFarlane, I Govia, R Emmanuel, R Nasiro, J Sandall, L Poston, U Read, TA Samuels, R Wilks, K Cruickshank, S Harding
- (P – 67) **Use of local primary healthcare centres in rural Guyana: Confidence in quality of services a major theme in the congregations taking action against non-communicable diseases (CONTACT) study**  
M Sharma, R Gobin, S Goberdhan, O Perreira, M Ramdeen, A Cort, T Thomas, S MacFarlane, I Govia, R Emmanuel, R Nasiro, J Sandall, L Poston, U Read, TA Samuels, R Wilks, K Cruickshank, S Harding

- (P – 68) **Woman-to-Woman: Feasibility of a lay health advisor programme for cervical cancer education in Grenada, West Indies**  
KB Thomas-Purcell, S Patterson, AN McIntosh, C Richards, M Primus-Joseph, KC Vemulapalli, K Ashing
- (P – 69) **Assessing the readiness and suitability of faith-based organisations as sites for the Barbados Diabetes Remission Study 2 - A community-based diabetes remission intervention**  
KR Quimby, T Jordan, C George, N Sobers, I Hambleton
- (P – 70) **Nasopharyngeal pneumococcal carriage among healthy children in Barbados ten years post introduction of universal conjugate pneumococcal vaccination**  
A Kumar, K Krishnamurthy, E Morris, M Gittens-St Hillair, A N-S Foster
- (P – 71) **The link between skipping breakfast and obesity among students of the University of the West Indies, St Augustine Campus**  
S Bawa, S Bhagwandeem, M Webb
- (P – 72) **Woman-to-Woman: Implementation of a cervical cancer education training programme for Grenadian lay health advisors**  
C Richards, KB Thomas-Purcell, KC Vemulapalli, M Primus-Joseph, A McBurnie-James, M Standifer, K Ashing
- (P – 73) **Understanding factors affecting acute myocardial infarction outcomes in the small island developing state context: A qualitative study of the experiences and perceptions of healthcare professionals of a tertiary level hospital**  
L Oxley, N Greaves, C Williams
- (P – 74) **A qualitative exploration of masculinity and health: Living with a prostate cancer diagnosis**  
L Worrell, H Harewood, N Greaves
- (P – 75) **Knowledge, attitudes and perception on the use of pesticides by vector control personnel: A cross-sectional descriptive survey in pesticide use and management**  
M Gibbs, M Gittens-St Hilaire
- (P – 76) **Human papillomavirus prevalence and cervical cancer experience in St Kitts and Nevis**  
G Avery, N Madjer
- (P – 77) **Barbadian adolescents living with human immunodeficiency virus adherence study: An evaluation of adherence to antiretroviral therapy and factors affecting adherence**  
T Jordan, N Parris, S Giddings, M St John
- (P – 78) **Prevalence of refractive errors in selected secondary school students in Hinterland versus Coastland Regions of Guyana**  
T Bess, C Cassiano, P Malcome, K Chin, S Andrews, M Conway, G Ang, E Cummings
- (P – 79) **Exploring implementation planning and process of school nutrition policies in the Caribbean island of Barbados: A qualitative policy analysis**  
NP Sobers, L Bishop, MM Murphy
- (P – 80) **Prevention of childhood obesity: Options for nutrition in a cohort of schools in Barbados**  
MA St John, KA Rudder
- (P – 81) **Living with breast cancer: A qualitative inquiry of the experiences and perceptions of Barbadian women**  
NS Greaves, H Harewood
- (P – 82) **A study to delineate factors contributing to multi-drug resistant organism (Mdro) outbreak and control at the Sangre Grande Hospital**  
RP Nagassar, RJ Bridgelal-Nagassar, L Harper, K Daniel
- (P – 83) **Knowledge, attitude and practice regarding wound care among diabetic and non-diabetic foot ulcer patients at the Public Hospital, in Guyana, South America**  
R Kurup, AA Ansari, J Singh

- (P – 84) ***Psychological effects on prostate cancer screening in men attending the Guyana Responsible Parenthood Association Clinic***  
DA Bassier
- (P – 85) ***Postnatal mothers' knowledge of essential newborn care practices: A study done at the only tertiary hospital in Guyana***  
S Taitt, B Alladin
- (P – 86) ***Feasibility of nocturnal haemodialysis in the Eastern Region Health Authority***  
RP Nagassar, K Daniel, S Ramkissoon
- (P – 87) ***The epidemiology of sharp injuries at the Sangre Grande Hospital, Trinidad, West Indies***  
RP Nagassar, K Daniel, S Ramkissoon, RJ Bridgelal-Nagassar
- (P – 88) ***Verification of carrot broth media for Group B Streptococcus identification and cost comparison***  
RP Nagassar, K Daniel, RJ Bridgelal-Nagassar
- (P – 89) ***Screening for hyperglycaemia in pregnant women in the primary healthcare setting of St George Central, North West Regional Health Authority***  
RJ Bridgelal-Nagassar, RP Nagassar
- (P – 90) ***Knowledge, attitude and utilization of traditional medicine for Type 2 Diabetes among residents of St Cuthbert's Mission, Guyana: A cross-sectional study***  
C Boston, J Rosales, J Singh, R Kurup
- (P – 91) ***Oscillations of the laser-doppler resting cutaneous perfusion signal in primary open-angle glaucoma***  
JS Mohan, C Petty, N Farnon, K Rocke
- (P – 92) ***Survival rates of women with breast cancer in Guyana, retrospective study from 2006 – 2017***  
P Singh
- (P – 93) ***Knowledge, attitude and practices of screening for prostate cancer men above age 45 in Georgetown, Guyana***  
AZ Hamilton, A Marshall



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