

67th Annual CARPHA Health Research Conference 2023

Poster Presentations

COVID-19

- (P – 1) **Online Learning Satisfaction During COVID-19 Pandemic Among Offshore Medical Students in Guyana**
B Williams, T Jagnarine
- (P – 3) **The Impact of the Novel Coronavirus Infection on Geriatric Hospital Patients: A Retrospective Review**
A. Adderley, A. Albury, S. Dorsett, I. Grimes
- (P – 4) **Qualitative Exploration of the Learning Styles of Second Year Medical Sciences at the UWI Cave Hill Campus pre-COVID-19**
N Ojeh, H Harewood, N Greaves, N Sobers, K Boyce, PM Lashley, P Adams, J Paul-Charles, MAA Majumder
- (P – 5) **Perceptions and challenges of nursing students towards online learning in Guyana during COVID-19: A qualitative study**
L. Stephanas
- (P – 8) **A Thematic Analysis of University of Guyana medical students' perspectives of online learning in the era of COVID-19**
C Abrams, E Tyrell
- (P – 9) **Heterogeneity of SARS-CoV-2 Transmission within Departments at a Tertiary Educational Institution, Grenada, and its implications for control**
N Cudjoe, PJ Fields, V Matthew-Belmar, B Sharma, E Chitan, TP Noel, K Yearwood and CNL Macpherson
- (P – 10) **Development of a Joint Regulatory Review Framework for COVID-19 Therapies in the Caribbean: A Practice Paper**
J Austin, M Zheng, J St John, R Extavour
- (P – 11) **A survey on the non-conventional therapies for COVID-19 in Trinidad**
MS Ismaila, K Lall, K Sookram, V Sundaram
- (P – 12) **Review of the Pathophysiology of the Vasa Vasorum of the pulmonary vessels in Covid19: The major vessels involved in pulmonary thromboembolism in COVID-19**
H Daisley, O Acco, M Daisley, Li Paul, E James, Ar Rampersad, A Ramdin, F Narinesingh, O Humphrey, M Nathan, D George
- (P – 13) **A Systematic Comparison of COVID-19 Products with Regulatory Endorsement in the Caribbean Community and Major Markets**
TR Austin, JL Austin
- (P – 15) **Personal protective equipment (PPE) related adverse skin reactions among healthcare professionals at the main COVID-19 isolation centre in Barbados**
A Bharatha, K Krishnamurthy, D Cohall, S Rahman, C A Forde, R Corbin-Harte, MAA Majumder

FAMILY/CHILD HEALTH

- (P – 14) **The outcomes of cervical cerclage with antibiotic use at Victoria Jubilee Hospital, Jamaica**
M. Archer, C. Ratray, R. Chand
- (P – 15) **Physician Barriers to Obtaining the Sexual Health History of Patients in The Bahamas**
W Bain, R Knowles-McPhee, I Cartwright, F Deveaux, C Conliffe, S. Pinder-Butler, M Frankson
- (P – 16) **Characterizing Congenital Heart Disease in Guyana**
E Pillsworth, S Ames, A Sparman, W Scott, K Myers, DL Isaac

- (P – 17) ***Retrospective Cross-sectional Study of the incidence rate of Cardiac Malformations in the pediatric population at Georgetown Public Hospital Corporation (G.P.H.C) using echocardiography***
A Hutson, D Van- Veen, O Van-Lewin, B Ally- Charles, F Henry, L Boodie, S Bharrat
- (P – 18) ***Teenage Pregnancy, its prevalence, and adverse obstetric and perinatal outcomes at New Amsterdam Hospital***
N Singh, S Singh
- (P – 19) ***Socioeconomic Predictors for Infant Congenital Heart Disease: A Scoping Review***
O. Van-Lewin, A. Hutson, D. Van-Veen, B. Ally-Charles, C. Raghunandan, Y. Smith
- (P – 20) ***Management and examples of rare diseases: the genetic particularities of the Caribbean population***
R Bellance, I Antolin, AG Giguet-Valard
- (P – 21) ***A Qualitative Exploration of Exclusive Breastfeeding: Perspectives of Healthcare and Childcare Providers and Policy Makers in Barbados***
H Harewood, N Greaves
- (P – 22) ***An Investigation into the common Demographic, Clinical and Immunological Features of patients diagnosed with SLE at Georgetown Public Hospital Corporation (GPHC)***
L Pryce, J Hatton
- (P – 23) ***Parental knowledge, perceptions and practices towards childhood fever in the Emergency Department, Princess Margaret Hospital, The Bahamas***
PM Davis-McKenzie, D Brennen, MA Frankson, C Bullard
- (P – 24) ***Characteristics of pregnant women identified as near-miss and factors related to maternal deaths in Saint Lucia: a review of case records***
M Fredericks-James, B Irons, Y Holder, M Francois, C Cunningham-Myrie, A McCaw-Binns
- (P – 25) ***Physician perspectives of unnecessary clinical care in Trinidad and Tobago***
L De Freitas, J Regobert, S Varachhia
- (P – 26) ***The Knowledge, Attitude and Practices of Antibiotic Use Amongst Patients at Agape Family Medicine Clinic in Nassau, Bahamas***
E Ferguson-Knowles, L Belle-Adderley, S Dean, D Rigby-Sands, S Pinder-Butler, M Frankson
- (P – 70) ***The Road to reducing Maternal Deaths in Guyana- Annai Maternity Waiting homes Review***
G Tatkan, E Hamilton, S Bender-Pelswijk, C France, M Idal, and P Persaud

INFECTIOUS DISEASE

- (P – 27) ***Cost-Effectiveness Analysis of the Piloting of Malaria Rapid Diagnostic Test kits within Region 8, Guyana***
G Tatkan, H Cox, T Thomas, C France
- (P – 28) ***Factors Influencing Knowledge on the Completion of Treatment among Tuberculosis Patients under Directly Observed Treatment Strategy (DOTS) in a Selected Health Facility, The Bahamas***
ES. Daniel, L Collie, A Neymour, NKA Martin-Chen, K Moss
- (P – 29) ***Establishment of an adolescent HIV clinic, retention in care and outcomes of HIV-infected adolescents and youth***
T Evans-Gilbert, A Barnett, D McGowan, G Reid, SA Williams, D Johnson-Wallace, T Hylton-Kong, S Campbell-Forrester, D Campbell-Stennett
- (P – 30) ***Epidemiology and distribution pattern of cutaneous Leishmaniasis in Guyana- a surveillance study***
T Roberts, A Michael, Z Williams, R Kurup, R. Niles-Robin, A. Sampson
- (P – 31) ***Visualization of scientific collaboration and themes for arbovirus disease in the Caribbean: A forty-year trend analysis with focus on dengue, Zika and Chikungunya***
C Contaret, R Césaire, J Deloumeaux, C Joachim, A Cabié, M Dramé

- (P – 32) ***The Prevalence of Human Immunodeficiency Virus Exposed Infants & Outcome of Direct Blood Spot Test during the period January to December 2019 at Georgetown Public Hospital Cooperation***
M Parris, E Cunjie
- (P – 33) ***Incidence of ARIs and Diarrheal diseases in children under five years of age and its relationship with maternal knowledge, attitudes, and practices***
A. Hutson, O. Van-Lewin, D. Van-Veen, B Ally-Charles, E Tyrell, T Braithwaite, S Hutson
- (P – 34) ***Antibacterial activity of Mustard leaves (Brassica juncea) – a potential for alternative antibiotic therapy?***
B Ally-Charles, E Tyrell, A Koshilla, R Dukhie, T Persaud, L Ramsook, R Cecil, B Dey, M McKenzie
- (P – 68) ***Ant's bush (Strachium sparganophora): An indigenous Guyanese plant with antimicrobial properties***
E Tyrell, B Ally-Charles, S Prittipaul, N Harrychan, L Halley, K Miggins K Wright, E Li, J Pitt, D Duncan, R Greene, A Charles, R Kurup, A Boyle

MENTAL HEALTH

- (P – 35) ***A description of the Schizophrenic Patients admitted to the Psychiatric Outpatient Clinic at Georgetown Public Hospital Corporation from 2019 to 2021***
E Nickram Validum, J October
- (P – 36) ***An Investigation into the Prevalence and Effects of Burnout among Medical Students in Guyana***
J Hatton, L Pryce, C Panday, M Persaud, N Chiamaka, V Lilly, A Kumar
- (P – 37) ***Quality of life, depression, anxiety and stress among older adults living with HIV/AIDS in Kingston and St Andrew, Jamaica during the COVID-19 pandemic***
T Edwards
- (P – 38) ***Mental Health and Suicide Risk Among Undergraduate University Students in Barbados During the COVID-19 Pandemic***
MH Campbell, T Whitby-Best, NS Greaves, MK Emmanuel, M Woodward, PS Chami, SG Anderson
- (P – 67) ***Depression and Post Traumatic Stress Disorder Among Physicians, Nurses, and Emergency Medical Service Technicians in Abaco and Grand Bahama in the Bahamas After Hurricane Dorian***
P Forbes, E Combie, A Frankson

NON-COMMUNICABLE DISEASES

- (P – 39) ***Barriers to Diabetes Self-Management in Grenada During the COVID-19 Pandemic: A Qualitative Study***
P Smith
- (P – 40) ***A Comparison of the progress of stroke patients who were referred early and those who were referred late for rehabilitation***
A Hutson, D Van- Veen, O Van-Lewin, B Ally- Charles, T Braithwaite, S Hutson
- (P – 41) ***A Qualitative exploration of factors affecting the survivorship experience of persons diagnosed with Colorectal Cancer in St. Vincent and the Grenadines accessing public oncology care***
A Bonadie, NS Greaves
- (P – 42) ***Responding to the changing needs of Caribbean Cancer Registries through international collaborations and electronic innovation***
S Quesnel-Crooks, H Armstrong, C Radix, L Mery, M Ervik, M Hagenimana, T Davidson
- (P – 43) ***Factors Influencing Adherence To Pharmacologic Treatment Of Type 2 Diabetes Mellitus In Public Primary Healthcare Clinics In Barbados: The Role of Social Inequalities In An Advancing Technological Age***
E Mandeville, N Greaves
- (P – 44) ***Inaugural Project to Assess the Burden of Cancer in the Caribbean: Processes, Challenges and Lessons Learned***
S Quesnel-Crooks, G Andall-Brereton, F Michels, R Hanisch, A Chao, B Kohler, B Edwards, G Forjaz, N Husbands, L Mery, T Davidson, H Armstrong

- (P – 45) ***The Willingness of Individuals, with Noncommunicable Diseases, towards Adopting a Plant Based Diet***
K Henry, D Tyndale
- (P – 46) ***Factors associated with medication adherence among persons with hypertension in faith-based organizations in Barbados***
K Inniss, K Norville, TS Ferguson, S Hassan, K Lewis, L Brathwaite-Graham, I Hambleton, SG Anderson, NP Sobers
- (P – 47) ***Clinico-radiological profile of patients with myeloma-related skeletal events at a tertiary institution: a retrospective analysis from 2014 –2018***
J Foote, G Wharfe
- (P – 48) ***The potential role and scope of integrative oncology on the quality of life of patients diagnosed with breast cancer, colon and metastatic prostate cancer who are on active treatment in the Haematology/ Oncology Clinic at UHWI***
L Reid, D Brady-West
- (P – 49) ***An Assessment of The Relationships Between Hypertensive Patients’ Level Of Blood Pressure Control And Their Personal Continuity Of Care In Selected Public Health Centres In New Providence, Bahamas***
D Watson-Providence, S Pinder-Butler; C Farquharson, M Frankson
- (P – 50) ***Diabetes & Tuberculosis A Bad Cocktail***
M. Wladimir Louis-Charles

PUBLIC HEALTH

- (P – 51) ***Distribution and frequency of principal Rh blood group antigens (D, C, c, E, and e), Kell antigen, and DAT positivity among blood donors at the National Blood Transfusion Services in Guyana***
R Kurup, P Lewis, T Puran, N Ramdeen, M McKenzie
- (P – 52) ***Effectiveness of diversion pouch and modified skin disinfectants in reducing bacterial contamination of platelet components at the National Blood Transfusion Services, Guyana***
S Singh, H Campbell, R Chin-Hun, R Kurup, A Anderson, P Lewis, C Boston
- (P – 53) ***Quantitative and qualitative analysis of potable water at water refill stations and purchasers’ perceptions within selected communities in Guyana***
C Boston, R Kurup
- (P – 54) ***Healthcare resilience in Trinidad and Tobago: A short report on the Healthy Hospital Initiative at the Sangre Grande Hospital***
D Basdeo, R Bhagaloo, A Williams, M Charles, T Thomas, O Andrews, L De Freitas
- (P – 55) ***Histopathologic Findings in Clinical Acute Appendicitis: The University Hospital of the West Indies Experience in the Era of Computed Tomography***
SG Webster, SE Shirley
- (P – 56) ***Assessing the effect of motivation factors on the employees' work performance in Public Healthcare***
M Sooklall, C Alonzo
- (P – 57) ***An Assessment of the Frequency and Knowledge towards Needlestick injury among Health Care Workers in the Emergency Medicine Division of the University Hospital of the West Indies: Does educational intervention make a difference?***
T Johnson-Hylton, K Pate Robinson, S East-Miles, J Williams-Johnson
- (P – 58) ***Development of Scientific and Clinical research Cooperation in the Caribbean: feasibility study (DOSCCAR)***
C Contaret, J Deloumeaux, A Puello, V Pollanco, A Ortiz, M Dramé
- (P – 59) ***A critical review of Health Infrastructure Assessment tool/Assessment***
G Tatkan, S Bender-Pelswijk, E Hamilton, C France, M Idal, P Persaud

- (P – 60) ***Sickle Cell Disease Patients' Self-Reported Experiences Regarding their Emergency Department Pain Management in Nassau, The Bahamas***
C Ferguson-Charlton, P Davis, M Frankson
- (P – 61) ***Applications of chemical, environmental and biological techniques to control phlebotomine sandflies in an effort to reduce Leishmaniasis in Guyana: A field study***
F Higgins, A Jodha, O Dass, H Cox
- (P – 62) ***Preliminary Assessment of Disaster Preparedness Education/Training for Health Care Workers in The Bahamas***
W Hamilton, N Holder-Hamilton, C Philippe, C Oura
- (P – 63) ***Choosing Wisely Trinidad and Tobago: Top 5 Recommendations for Emergency Medicine***
L De Freitas, J Regobert, I Sammy, S Varachhia, A Ramnarine
- (P – 64) ***The Students Are Hungry: A Theoretical Application to Understanding Food Insecurity Among Minority College Students in Urban Setting***
J Alexander, M Turner
- (P – 65) ***Amiodarone induced hypothyroidism- a case study***
T Jagnarine
- (P – 66) ***Examining Cancer Stigma and its Role on Cervical Cancer Prevention within High-risk Caribbean Countries***
KB Thomas-Purcell, D Sealy, A Bailey, S. Joseph, K Ashing
- (P – 69) ***Letting our hair down"- Practices of Chemical Hair Relaxer, Texturizer and Straightener Use amongst Women in New Providence, The Bahamas***
T Bethel-Mims, C Conliff, S Pinder-Butler, H Orlande, R Clare-Kleinbussink, M Frankson

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