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TASK-SHIFTING OF HANDHELD ECHOCARDIOGRAPHIC SCREENING FOR RHEUMATIC HEART DISEASE: LONGITUDINAL PERFORMANCE OF NON-EXPERTS IN A SCHOOL-BASED PROGRAM

Andrea Beaton 1,*, Bruno Nascimento 2, Adriana Diamantino 2, Lindsay Perlman 1, Allison Tompsett 1, Antonio Ribeiro 2, Craig Sable 1, Maria Nunes 2

1Children’s National Health System, Washington, United States, 2Faculdade de Medicina da Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

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PREVALENCE OF RHEUMATIC HEART DISEASE IN URBAN VERSUS RURAL SCHOOLS USING WHO VERSUS WHF ECHO CRITERIA

Azza Mohamed Abulfadl 1,*, on behalf of Benha and Cairo University, Hala Agha 2, Inas AbdelSattar 2, Mohamed ElSayed 1, Neveen Tawfik 1

1Pediatrics, Medical Faculty, Benha University, 2Pediatrics, Medical Faculty, Cairo University, Cairo, Egypt

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COMMUNITY BASED STUDY IN THE UTILITY OF THE COMPONENTS OF JONES CRITERIA IN THE DIAGNOSIS OF RHEUMATIC FEVER

Eleanor Florencia Montinola Portigo 1,*

1Pediatric Cardiology, Philippine Heart Center, Quezon City, Philippines
UNDIAGNOSED RHEUMATIC FEVER: THE SUBMERGED PART OF THE ICEBERG
Abdelmalek Bouzid 1,*, Salim Chibane 1, Sami Bouchenafa 1, Ramdan Amar Ould Abderrahmane 1
1cardiac surgery, EHU 1er Novembre 54, oran, Algeria

SYMPTOMATIC CHILDREN WITH POST-RHEUMATIC VALVULOPATHIES IN NATURAL HISTORY: FIVE YEARS FOLLOW-UP
Tantchou Tchoumi Jacques Cabral 1,* , Ambassa Jean Claude 1, Butera Gianfranco 2
1Cardiology, Cardiac Centre shisong, Kumbo, Cameroon, 2Cardiology, Policlinico San Donato IRCCS, Milan, Italy

A REVIEW OF PATIENT PERCEIVED BARRIERS AND ENABLERS OF ADHERENCE TO SECONDARY PROPHYLAXIS MEDICATION FOR RHEUMATIC HEART DISEASE IN THE FIJI ISLANDS
Samantha Colquhoun 1,*, Clancy Read 2, Brenton Ward 3, Rigamoto Taito 4, Laisana Matatolu 5, Frances Matanatabu 5, Maureen Ah Kee 5, Sophie La Vincente 1, Joseph Kado 6, Andrew Steer 7
1Centre for International Child Health, Murdoch Childrens Research Institute, Parkville, Melbourne, 2Telethon Kids Institute, University of Western Australia, Perth, 3Murdoch Childrens Research Institute, Murdoch Childrens Research Institute, Parkville, Melbourne, Australia, 4Lautoka Hospital, Fiji Ministry of Health and Medical Services, Lautoka, 5Fiji GrASP, Ministry of Health and Medical Services, 6College of Medicine, Nursing and Health Sciences, Fiji National University, Suva, Fiji, 7Group A Streptococcal Research Group, Murdoch Childrens Research Institute, Parkville, Melbourne, Australia

GEOGRAPHIC AND DEMOGRAPHIC PATTERNS OF RHEUMATIC HEART DISEASE IN WESTERN KENYA
Rebecca Lumsden 1, Constantine Akwanalo 2, Wendy P O’Meara 3 4, Gerald S Bloomfield 3 5,*
1School of Medicine, University of Massachusetts Medical School, Worcester, United States, 2Division of Medicine, Moi Teaching and Referral Hospital, Eldoret, Kenya, 3Duke Global Health Institute, 4Department of Infectious Diseases, 5Department of Medicine, Division of Cardiology , Duke University, Durham, United States

PREVALENCE OF RHEUMATIC HEART DISEASE IN THE PACIFIC: FROM SUBCLINICAL TO SYMPTOMATIC DISEASE
Mariana Mirabel 1,2,* , Muriel Tafflet 2, Baptiste Noël 3, Tom Parks 4, Corinne Braunstein 3, Bernard Rouchon 5, Eloi Marijon 2 6, Xavier Jouven 2 6
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Regina Maria de Aquino Xavier 1, Vitor Manuel Pereira Azevedo 1, Regina Elizabeth Muller 1,*, Fabiana Ferreira Nascimento 1, Celeste Maria Aquino 2, Melissa Cavalcanti Yaakoub 1, Rogerio Brant Martins Chaves 1, Arn Migowski 1, Marcia Cristina Chaves Macedo Pinheiro 1

1 Education and Research Coordination, National Institute of Cardiology - Brazil, Rio de Janeiro, Brazil

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HIGH BURDEN OF RHEUMATIC HEART DISEASE IN MATERNITY SERVICES IN FIJI: A NATIONAL RECORD-LINKAGE ANALYSIS

Tom Parks 1,*, Litia Narube 2, Samantha Colquhoun 3, Joseph Kado 4, James Fong 2, Andrew Steer 3

1 Wellcome Trust Centre for Human Genetics, University of Oxford, Oxford, United Kingdom,
2 Department of Obstetrics and Gynaecology, Ministry of Health and Medical Services, Suva, Fiji,
3 Centre for International Child Health, University of Melbourne, Melbourne, Australia, 4 Department of Paediatrics, Ministry of Health and Medical Services, Suva, Fiji

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Cristine Catindig Santelices 1,*, Donato Magno 1

1 Internal Medicine, University of the Philippines Philippine General Hospital, Manila, Philippines

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THE GLOBAL ATLAS OF RHEUMATIC HEART DISEASE

Rebecca Seth 1, Rosemary Wyber 1,*, Timothy Johnson 1

1 Telethon Kids Institute, University of Western Australia, Perth, Australia
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Rachel Webb 1,*, Nicola Culliford-Semmens 2, Andrew Chan Mow 3, Roberty Doughty 4, Elizabeth Tilton 2, Briar Peat 5, John Stirling 2, Tom Gentles 2, Joanna Stewart 6, Nigel Wilson 2

1Paediatric Infectious Diseases, 2Paediatric and Congenital Cardiac Services, Starship Children's Hospital, 3South Seas Healthcare Trust, 4Department of Medicine, University of Auckland, 5Department of Medicine, Middlemore Hospital, 6School of Population Health, University of Auckland, Auckland, New Zealand

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AMINOTERMINAL PRO-BRAIN NATRIURETIC PEPTIDE IN CHILDREN WITH LATENT RHEUMATIC HEART DISEASE

Justin Zachariah 1,*, Twalib Aliku 2, Amy Scheel 3, Babar S Hasan 4, Peter Lwabi 5, Craig Sable 6, Andrea J Beaton 6

1Pediatric Cardiology, Baylor College of Medicine / Texas Children's Hospital, Houston, United States, 2Paediatrics and Child Health, Gulu University, Gulu, Uganda, 3Children's National Medical Center, Washington DC, United States, 4Paediatrics and Child Health, Aga Khan University, Karachi, Pakistan, 5Paediatrics and Child Health, Gulu University, Gulu, 6Cardiology, Children's National Medical Center, Washington DC, United States

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EFFECTIVENESS OF A NURSE-LED MECHANICAL VALVE ANTICOAGULATION PROGRAM FOR RHEUMATIC HEART DISEASE PATIENTS IN HAITI

Owen Robinson 1,*, Jean-Louis Romain 2, James Wilentz 3, Gene F. Kwan 4,5 and Kay Mackenson Clinic Team

1Haiti Cardiac Alliance, Haiti Cardiac Alliance, Burlington, United States, 2Mirebalais Hospital, Zanmi Lasante, Mirebalais, Haiti, 3Mt. Sinai - Beth Israel Heart, Mt. Sinai - Beth Israel Medical Center, New York, 4Partners In Health, 5Boston Medical Center, Boston, United States

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Elizabeth Kennedy 1, Sophie La Vincente 2, Patrick Timeon 3, Teatao Tiro 3, Nese Conway 4, Titus Nasi 5, Geoffrey Kenilorea 6, Daniel Engelman 2, Jonathan Carapetis 7, Samantha Colquhoun 2,*

1Global Health Division, Menzies School of Health Research, Darwin, 2Centre for International Child Health, Murdoch Childrens Research Institute and University of Melbourne, Parkville, Melbourne, Australia, 3Public Health, Ministry of Health, Tawara, Kiribati, 4Public Health, Ministry of Health,
Funafuti, Tuvalu, 5Paediatrics, 6Non communicable Disease Unit, Ministry of Health, Honiara, Solomon Islands, 7Telethon Kids Institute, University of Western Australia, Perth, Australia

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TRANSITION TO ADULT CARE FOR CHILDREN WITH ACUTE RHEUMATIC FEVER IN NORTHERN AUSTRALIA

Alice Mitchell 1,*, Anna P Ralph 1, Vanessa Johnston 1, Suzanne Belton 1
1Menzies School of Health Research, Charles Darwin University, Darwin, Australia

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IMPROVING DELIVERY OF SECONDARY PROPHYLAXIS FOR RHEUMATIC HEART DISEASE IN REMOTE INDIGENOUS COMMUNITIES: A STEPPED-WEDGE, COMMUNITY RANDOMISED TRIAL

Clancy Read 1,*, Jonathan Carapetis 1, Anna Ralph 2, Vanessa Johnston 2, Jessica de Dassell 2, Kerstin Bycroft, Alice Mitchell 3, Ross Bailie 4, Graeme Maguire 5, Keith Edwards 6, Bart Currie 2, Adrienne Kirby 7
1Telethon Kids Institute, University of Western Australia, Perth, 2Menzies School of Health Research, 3Charles Darwin University, Darwin, 4Menzies School of Health Research, Brisbane, 5Baker IDI Heart and Diabetes Institute, Melbourne, 6Paediatric Department, Royal Darwin Hospital, Darwin, 7National Health and Medical Research Council Clinical Trials Centre, University of Sydney, Sydney, Australia

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LEVEL OF KNOWLEDGE AMONG COMMUNITY PEOPLE ON ACUTE RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE AND THEIR LINK WITH THROAT INFECTION

Prakash Raj Regmi 1,*, Lekha Nath Panthi 2, Keshab Sanjel 2
1CARDIOLOGY, BIR HOSPITAL, 2Public health, District Public Health Office, Lalitpur, Nepal

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MIXED-METHOD EVALUATION OF A PILOT PROGRAM TO BOLSTER PRIMARY PREVENTION OF RHEUMATIC HEART DISEASE IN LUSAKA, ZAMBIA

Joyce Chipili Lungu 1, Elizabeth Machila 1, Sherri Schwaninger 2, Patrick Musonda 3, Marcelo Gutierrez 4, Brigitta Tadmor 5, Jonathan Michael Spector 6, John Musuku 1,*
1Paediatrics, University Teaching Hospital, 2Global Health, Novartis Institutes for BioMedical Research, 3Public Health, University of Zambia, Lusaka, Zambia, 4Global Scientific Development, Novartis Institutes for BioMedical Research, Basel, Switzerland, 5Education, Diversity, and Inclusion, Novartis Institutes for BioMedical Research, Lusaka, Zambia, 6Global Health, Novartis Institutes for BioMedical Research, Cambridge, United States
PS296

TASK SHIFTING: PROFICIENCY OF GENERAL RADIOGRAPHY TECHNICIANS IN DETECTING RHEUMATIC HEART DISEASE

Liesl Zühlke 1,*, Elizabeth Machila 2, Joyce Chipili Lungu 2, Sherri Schwaninger 3, Joris van Dam 4, Jonathan Michael Spector 5, Brigitta Tadmor 6, John Musuku 2

1 University of Cape Town, Cape Town, South Africa, 2 Paediatrics, University Teaching Hospital, 3 Global Health, Novartis Institutes for BioMedical Research, Lusaka, Zambia, 4 Digital Development, Developing World, Novartis, 5 Global Health, Novartis Institutes for BioMedical Research, Cambridge, United States, 6 Education, Diversity, and Inclusion, Novartis Institutes for BioMedical Research, Lusaka, Zambia

Monday 6th June

PM014

ECHOCARDIOGRAPHY SCREENING FOR RHD OF 5 – 15 YEARS OLD CHILDREN SAVES LIVES.

Toakase Fakakovikaetau 1,*, Sione Talanoa Latu 2, Tom Gentles 3, Nigel Wilson 4, Sarah Hope 5, Stuart Cox 6, Sela Takau Takau 7, Dianne Bruce 8

1 Community Health, 2 Adult Cardiology, Ministry of Health, Nuku’alofa, Tonga, 3 Paediatric Cardiology, 4 Paediatric Cardiologist, Starship Children Hospital, Auckland, New Zealand, 5 Paediatric Cardiology, Monash Hospital, 6 Cardiology, Monash Heart Centre, Melbourne, Australia, 7 Cardiac Investigations unit, Middlemore Hospital, Auckland, New Zealand, 8 Paediatric Sonographer, Princess Margaret Hospital, Perth, Australia

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IMPACT OF RHEUMATIC HEART DISEASE ON MATERNAL OUTCOMES IN PREGNANCY: LEVERAGING EXISTING INFRASTRUCTURE TO ADDRESS A CRITICAL KNOWLEDGE GAP

Andrea Beaton 1,*, Emmy Okello 2, Kristen Destigter 3, Amy Scheel 1, Lindsay Perlman 1, Craig Sable 3

1 Children’s National Health System, Washington, United States, 2 Uganda Heart Institute, Kampala, Uganda, 3 University of Vermont, Burlington, United States

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EFFECT OF MITRAL REGURGITATION IN NON-RHEUMATIC ATRIAL FIBRILLATION PATIENTS TAKING AND NOT TAKING WARFARIN ON STROKE AND BLEEDING

Yongkasem Vorasettakarnkij 1 2,*, Kumpol Chintanavilas 1 2

1 Medicine, Chulalongkorn University, 2 King Chulalongkorn Memorial Hospital, Thai Red Cross Society, Bangkok, Thailand
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Judith Katzenellenbogen 1,2, Frank Sanfilippo 3, Matthew Knuiman 3, Michael Hobbs 3, Tiew Hwa k Teng 2, Derrick Lopez 3, Joseph Hung 4, Sandra Thompson 2

1Group A Streptococcus and RHD Research Group, Telethon Kids Institute, 2Western Australian Centre for Rural Health, 3School of Population Health, 4School of Medicine & Pharmacology, University of Western Australia, Perth, Australia

PM214

TRENDS IN THE GLOBAL BURDEN OF RHEUMATIC HEART DISEASE DURING 1990-2013: FINDINGS FROM THE GLOBAL BURDEN OF DISEASE 2013 STUDY

David Watkins 1,2,*, Samantha Colquhoun 3, Catherine Johnson 4, Jonathan Carapetis 5, Ganesan Karthikeyan 6, Mohsen Naghavi 4, Christopher Murray 4, Theo Vos 4, Gregory Roth 4,7

1Department of Medicine, University of Cape Town, Cape Town, South Africa, 2Division of General Internal Medicine, University of Washington, Seattle, United States, 3Centre for International Child Health, Murdoch Childrens Research Institute and University of Melbourne, Melbourne, Australia, 4Institute for Health Metrics and Evaluation, University of Washington, Seattle, United States, 5Telethon Kids Institute, University of Western Australia, Perth, Australia, 6Department of Cardiology, All India Institute of Medical Sciences, New Delhi, India, 7Division of Cardiology, University of Washington, Seattle, United States

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RHEUMATIC RESCUE: GENETIC BASIS FOR ELEVATED RHEUMATIC HEART DISEASE SUSCEPTIBILITY IN SAMOA

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PROSPECTIVE APPLICATION BY RHEUMATIC RESCUE OF THE WORLD HEART FEDERATION GUIDELINES FOR ECHO SCREENING IN SAMOA

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COMPARISON OF CRITERIA FOR ECHOCARDIOGRAPHIC DIAGNOSIS OF RHEUMATIC HEART DISEASE: WHO/NIH CRITERIA VS WORLD HEART FEDERATION CRITERIA

Nicola Culliford-Semmens 1, Elizabeth Tilton 1, Ross Nicholson 2, John Stirling 1, Nigel Wilson 1,*
Paediatric Cardiology, Starship Childrens Hospital, 2Department of Pediatrics, Kidz First Hospital, Auckland, New Zealand

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Ahmed El Sayed 1 2 *, Ahmed S Ibrahim 1 3, Huda HM Elhassan 4, Liesl Zuhlke 5 6, Mark Engel 5, Ganesan Karthikeyan 7, Koon Teo 8, Salim Yusuf 8, Bongani Mayosi 5 and On behalf of the REMEDY investigators

1Faculty of Medicine, Alzaeim Alazhari University, 2Department of Cardiothoracic Surgery, 3Department of Chest Medicine, Alshaab Teaching Hospital, 4Department of Cardiology, Ahmed Gasim Cardiac Surgery & Renal Transplantaion Center, Khartoum, Sudan, 5Cardiac clinic, Department of Medicine, 6Division of Pediatric Cardiology, University of Cape Town, Cape Town, South Africa, 7Department of Cardiology, All India Institute of Medical Sciences, New Delhi, India, 8Population Health Research Institute, Hamilton Health Sciences and McMaster University, Hamilton, ON, Canada

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ACCURACY OF FOCUSED CARDIAC ULTRASOUND SCREENING FOR RHEUMATIC HEART DISEASE BY HEALTH WORKERS WITH LIMITED TRAINING

Daniel Engelman 1 2 *, Joseph Kado 3, Bo Remenyi 4, Samantha Colquhoun 2 4, Jonathan Carapetis 5, Susan Donath 2, Nigel Wilson 6, Andrew Steer 1 2

1Centre for International Child Health, University of Melbourne, 2Murdoch Childrens Research Institute, Melbourne, Australia, 3College of Medicine, Fiji National University, Suva, Fiji, 4Menzies School of Health Research, Charles Darwin University, Darwin, 5Telethon Kids Institute, University of Western Australia, Perth, Australia, 6Cardiology, Starship Hospital, Auckland, New Zealand

PM280

CONTINUED IMPROVEMENT OF LA VOLUME PARAMETERS IN RHEUMATIC MITRAL STENOSIS PATIENTS IMMEDIATELY AND AFTER 3 MONTHS OF BALLOON MITRAL VALVOTOMY AS ASSESSED BY 3D ECHOCARDIOGRAPHY

Sudeep Kumar 1 *, Anubhav Singhal 1, Aditya Kapoor 1, Roopali Khanna 1, Naveen Garg 1, Satyendra Tewari 1, PK Goel 1

1Cardiology, Sanjay Gandhi PGIMS, Lucknow, India

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RHEUMATIC HEART DISEASE SCREENING IN SCHOOL CHILDREN THROUGH PORTABLE ECHOCARDIOGRAPHY IN BRAZIL: THE PROVAR STUDY
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A NOVEL METHOD TO MEASURE ADHERENCE TO SECONDARY PROPHYLAXIS FOR RHEUMATIC HEART DISEASE – INTRODUCING THE CONCORDANCE ADHERENCE INDEX

Tibor Schuster 1,2, Tom Parks 3, Daniel Engelman 1,2,*, Brenton Ward 2, Andrew Steer 1,2

1Paediatrics, University of Melbourne, 2Murdoch Childrens Research Institute, Melbourne, Australia, 3Centre for Clinical Vaccinology and Tropical Medicine, University of Oxford, Oxford, United Kingdom

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SURGERY FOR RHEUMATIC HEART DISEASE - FACTORS ASSOCIATED WITH TREATMENT CHOICE AND SHORT AND LONG-TERM OUTCOMES IN AUSTRALIA

Graeme Paul Maguire 1,*, Lavinia Tran 2, Christopher Reid 2, Anne Russell 2

1Clinical Research Domain, Baker IDI Heart and Diabetes Institute, 2Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia

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ADHERENCE TO SECONDARY PROPHYLAXIS FOR PATIENTS DIAGNOSED WITH RHEUMATIC HEART DISEASE BY ECHOCARDIOGRAPHIC SCREENING

Nicola Culliford-Semmens 1, Elizabeth Tilton 1, Rachel Webb 2,*, Diana Lennon 3, Belinda Paku 4, Fiona Long 5, John Malcolm 6, Sandi French 7, Nikki Blair 8, Nigel Wilson 1

1Paediatric Cardiology, 2Infectious Diseases, Starship Childrens Hospital, 3Community Paediatrics, University of Auckland, 4Home Health Care, Counties Manukau District Health Board, Auckland, 5School Based and Community Clinical Services, Northland District Health Board, Northland, 6Department of Paediatrics, Whakatane Hospital, Whakatane, 7Public Health Nursing, Tairawhiti District Health Board, Gisborne, 8Wellington Hospital, Wellington, New Zealand

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TOWARDS IMPROVED RHEUMATIC HEART DISEASE CONTROL AND PREVENTION IN FIJI ISLANDS

Elizabeth Kennedy 1,2,*, Mereseini Kamunaga 2, Emele Naiceru 2, Ana Ramaka 3, Laisiana Matatolu 2, Joseph Kado 4, Catherine Jackson 5, Samantha Colquhoun 6, Andrew Steer 6, Nigel J Wilson 7
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TREATMENT CASCADE QUALITY METRICS FOR CHILDREN WITH LATENT RHEUMATIC HEART DISEASE IN UGANDA

Chris T Longenecker1,*, Twalib Aliku2, Andrea Beaton3, Amy Scheel3, Emmy Okello4, Lindsay Perlman3, Craig Sable3, Peter Lwabi4

1Case Western University, Cleveland, United States, 2Gulu University School of Medicine, Gulu, Uganda, 3Children’s National Health System, Washington, DC, United States, 4Uganda Heart Institute, Kampala, Uganda

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PREVALENCE OF RHEUMATIC HEART DISEASE AMONG SECONDARY SCHOOL CHILDREN IN SAMOA DETECTED BY ECHOCARDIOGRAPHY SCREENING

Satupaitea Viali1,*, Vailogoua Futi1, Telesia Lafaele1

1Cardiology, National University of Samoa, Apia, Samoa

Tuesday 7th June

PT274  THE ECONOMIC CASE FOR A GROUP A STREPTOCOCCAL VACCINE IN AUSTRALIA AND NEW ZEALAND

Authors: Jeffery Cannon1, Meru Sheel1, Padraig Oakley1, Elizabeth Geelhoed2, Jonathan Carapetis3 on behalf of CANVAS: Coalition to Advance New Vaccines Against Group A Streptococcus

1Telethon Kids Institute, 2University of Western Australia, 3Director, Telethon Kids Institute, Perth, Australia

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BEYOND FIRST DEGREE HEART BLOCK IN ACUTE RHEUMATIC FEVER

Joshua Agnew1, Nigel Wilson1,*, Jonathan Skinner1, Ross Nicholson2

1Green Lane Paediatric and Congenital Cardiac Service, Starship Hospital, 2KidzFirst, Counties Manukau District Health Board, Auckland, New Zealand
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GROUP A STREPTOCOCCUS INDUCES A TH17 RESPONSE IN ACUTE RHEUMATIC FEVER EFFECTIVELY TARGETED BY DRUG REPURPOSING

William John Martin 1 2, Gabriela Minigo 3, Man Lyang Kim 1,*, Joanne Keeble 1, Matthew C Pitman 4, Peta Tipping 3, Guido Pacini 5, Gordon K Smyth 5 6, Jonathan Carapetis 7, Ian P Wicks 1 2 8

1Inflammation, Walter & Eliza Hall Institute of Medical Research, 2Medical Biology, University of Melbourne, Parkville, 3Menzies School of Health Research and Charles Darwin University, 4Department of Infectious Diseases, Royal Melbourne Hospital, Casuarina, 5Bioinformatics, Walter & Eliza Hall Institute of Medical Research, 6Department of Mathematics and Statistics, University of Melbourne, Parkville, 7Telethon Kids Institute, University of Western Australia, and Princess Margaret Hospital for Children, Perth, 8Rheumatology Unit, Royal Melbourne Hospital, Parkville, Australia

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STUDY ON PREVALENCE AND CLINICAL ASSESSMENT OF RHEUMATIC FEVER IN THE KYRGYZ REPUBLIC

Nazgul Omurzakova 1,*, Ishen Moldotashev 1, Toshihiro Nakajima 2

1National Centre of Cardiology and Internal Medicine, Bishkek, Kyrgyzstan, 2Tokyo Medical University, Tokyo, Japan

PT280

ABORIGINAL PEOPLES KNOWLEDGE OF GENETICS AND RHD

Heather Ann D'antoine 1, Dawn Bessarab 2,*, Maui Hudson 3, Melita McKinnon 4, Elaine Maypilama 5, Lorna Murakami-Gold 6, Alex Brown 7, Ngiare Brown 8 and On behalf of the RHD Genetics Project Investigators

1Education and Research Support, MENZIES SCHOOL OF HEALTH RESEARCH, Darwin, 2Centre for Aboriginal Medical and Dental Health, University of Western Australia, Perth, Australia, 3Te Kotah Research Institute, University of Waikato, Hamilton, New Zealand, 4Global and Tropical Health, 5Menzies School of Health Research Darwin, 6Centre for Remote Health, Flinders University, Alice Springs, 7South Australian Medical Research Institute, Adelaide, 8University of Wollongong, Wollongong, Australia

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HOW KNOWLEDGEABLE ARE PATIENTS WITH RHEUMATIC HEART DISEASE REGARDING THEIR CONDITION; A MALAYSIAN BORNEO PERSPECTIVE
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A SYSTEMATIC REVIEW OF THE LIVED EXPERIENCE OF RHEUMATIC HEART DISEASE OF ABORIGINAL AND TORRES STRAIT ISLANDERS IN AUSTRALIA

Timothy Johnson 1, Clancy Read 1,*, Emma Haynes 2, Dawn Bessarab 3
1Telethon Kids Institute, University of Western Australia, Subiaco, 2University of Western Australia, Perth, Australia, 3Centre for Aboriginal Medical and Dental Health, University of Western Australia, Perth, Australia

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A PROPOSED METHODOLOGY FOR ENGAGEMENT, INFORMED CONSENT, AND GOVERNANCE FOR CONDUCTING GENETIC RESEARCH WITH INDIGENOUS COMMUNITIES: AN AUSTRALIAN EXAMPLE

Clancy Read1, Dawn Bessarab2, Maui Hudson3, Heather D’Antoine4, Ngaire Brown5, Joanne Garngulkpur6, Elaine Maypilama7, Lorna Murakami-Gold7, Alex Brown8, Melita McKinnon9
1Telethon Kids Institute, University of Western Australia, 2University of Western Australia, Perth Australia, 3Te Kotahi Research Institute, University of Waikato, Hamilton New Zealand, 4Menzies School of Health Research, Darwin, 5National Aboriginal Community Controlled Health Organisation, Canberra, 6Yalu Marnithinyaraw, Galiwin’ku, 7Australian Centre for Indigenous Knowledge and Education, Charles Darwin University, Alice Springs, 8South Australian Health and Medical Research Institute, Adelaide, 9Menzies School of Health Research, Charles Darwin University, Darwin, Australia

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SCHOOL-BASED HEALTH EDUCATION INTERVENTION TO INCREASE KNOWLEDGE ON RHEUMATIC HEART DISEASE: THE PROVAR STUDY

Andrea Beaton 1, Maria do Carmo P Nunes 2, Kaciane B Oliveira 2, Antonio Luiz Pinho Ribeiro 2 2, Cassio M Oliveira 2, Graziela Chequer 2, Vitoria M Rezende 2, Amanda Lauar 2, Ana Luisa M Costa 2, Luise Barros 2, Craig Sable 1, Bruno R Nascimento 2,*
1Children’s National Health System , Washington, DC, United States, 2UFMG, Belo Horizonte, Brazil

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RHEUMATIC HEART DISEASE SEVERITY, PROGRESSION AND OUTCOMES: A MULTI-STATE MODEL

Kathryn Roberts 1,*, Jeffrey Cannon 2, Jonathan Carapetis 3
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THE CONCEPT AND DESIGN OF DEFINERHD: A STUDY TO EVALUATE THE PROGRESSION OF SUBCLINICAL RHEUMATIC VALVE LESIONS DIAGNOSED THROUGH ECHOCARDIOGRAPHIC SCREENING.

Amy Sims Sanyahumbi 1,*, Twalib Aliku 2, Jonathan R Carapetis 3, Toakase Fakakovikaetau 4, Melissa Karlsten 5, John Musuku 6, Satupaitea Viali 7, Nigel Wilson 8, Daniel J Penny 1 and DefineRHD Registry Investigators

1Pediatric Cardiology, Baylor College of Medicine / Texas Children's Hospital, Houston, United States, 2Pediatric Cardiology, Uganda Heart Institute, Kampala, Uganda, 3Telethon Kids Institute, Perth, Australia, 4MAFU SAI Program & NCD Community Coordinator, Ministry of Health, Nuku'alofa, Tonga, 5Pediatric Cardiology, Baylor College of Medicine / Texas Children's Hosptial, Houston, United States, 6Pediatric Cardiology, University Teaching Hospital, Lusaka, Zambia, 7Pediatric Cardiology, National University of Samoa and National Health Services, Apia, Samoa, 8Pediatric Cardiology, Green Lane Paediatric and Congenital Cardiac Services, Starship Children's Hospital, University of Auckland, Auckland, New Zealand

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LONG-TERM OUTCOMES OF NEW ZEALAND CHILDREN AND YOUNG ADULTS UNDERGOING SURGERY FOR RHEUMATIC HEART DISEASE

Rachel Webb 1,*, Bo Remenyi 2, Kirsten Finucane 3, Diana Lennon 4, Tom Gentles 3, Karishma Sidhu 5, Nigel Wilson 3

1Paediatric Infectious Diseases, Starship Children’s Hospital, Auckland, New Zealand, 2Menzies School of Health Research, Charles Darwin University, Darwin, Australia, 3Green Lane Paediatric and Congenital Cardiac Services, Starship Children’s Hospital, 4Department of Paediatrics & Population Child Health, University of Auckland, 5Green Lane Cardiac Services, Auckland District Health Board, Auckland, New Zealand

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GLOBAL STATUS UPDATE ON BENZATHINE PENICILLIN G

Rosemary Wyber 1,*, Timothy Johnson 1, Shannon Marantelli 2, Jonathan Carapetis 1 2

1Telethon Kids Institute, 2University of Western Australia, Perth, Western Australia, Australia
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PREVENTING ACUTE RHEUMATIC FEVER BY USING THE "DAYS AT RISK" CONCEPT

Keith Nicholas Edwards 1,*

1Centre For Disease Control, DEPARTMENT OF HEALTH, Nightcliff, Australia

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PREVENTING RECURRENT ACUTE RHEUMATIC FEVER – SYSTEMS GO APPROACH

Marea Fittock 1,* , Keith Edwards 1

1Centre for Disease Control; Northern Territory Department of Health, Northern Territory Rheumatic Heart Disease Control Program, Tiwi, Australia

PT296

SCREENING FOR RHEUMATIC HEART DISEASE AND THE IMPACT OF BORDERLINE RHD

Graeme Paul Maguire 1,* , David Atkinson 2, Andrew White 3, Jonathan Carapetis 4, Marc Remond 5

1Clinical Research Domain, Baker IDI Heart and Diabetes Institute, Melbourne, 2Rural Clinical School, University of Western Australia, Broome, 3Department of Paediatrics, The Townsville Hospital, Townsville, 4Telethon Kids Institute, Perth, 5Aboriginal Health Domain, Baker IDI Heart and Diabetes Institute, Sydney, Australia

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BRAZILIAN SHORTAGE CRISIS OF BENZATHINE PENICILLIN G AND RHEUMATIC FEVER PROPHYLAXIS

Regina Elizabeth Muller 1 2,* , Marcia de Melo Barbosa 3 4, Regina Maria Aquino Xavier 1, Maria de Fátima Monteiro Pereira Leite 2 5, Marcia Fernanda Costa Carvalho 2 6, Fabiana Ferreira Nascimento 1, Vitor Manuel Pereira Azevedo 1, Adriana Fonseca 2 7, Andrea Valentim Goldenzon 2 8, Melissa Cavalcanti Yaakoub 1

1Education and Research Coordination, National Institute of Cardiology - Brazil, 2Working Group of Rheumatic Fever, Pediatrics Society of the State of Rio de Janeiro (SOPERJ), Rio de Janeiro, 3Cardiology Department, Federal University of Minas Gerais, Belo Horizonte, Brazil, 4President, Interamerican Society of Cardiology (IASC), Mexico D.F., Mexico, 5Cardiology Department, National Institute Fernandes Figueira - FIOCRUZ, 6Cardiology Department, 7Rheumatology Department, Institute for the Pediatrics and Puericulture Martagão Gesteira - UFRJ, 8Rheumatology Department, Hospital Municipal Jesus, Rio de Janeiro, Brazil
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A COST UTILITY ANALYSIS OF ECHOCARDIOGRAPHIC SCREENING FOR RHEUMATIC HEART DISEASE IN INDIGENOUS AUSTRALIAN CHILDREN

Kathryn Roberts 1,*, Jeffrey Cannon 2, David Atkinson 3, Alex Brown 4, Graeme Maguire 5, Bo Remenyi 1, Gavin Wheaton 6, Elizabeth Geelhoed 7, Jonathan Carapetis 8

1Global Health, Menzies School of Health Research, Darwin, 2Telethon Kids Institute, Perth, 3Rural Clinical School, University of Western Australia, Broome, 4Aboriginal Research Unit, South Australian Health and Medical Research Institute, Adelaide, 5Clinical Research Centre Domain, Baker IDI Heart and Diabetes Institute, Melbourne, 6Paediatric Cardiology, Women’s and Children’s Hospital, Adelaide, 7School of Population Health, 8Director, Telethon Kids Institute, Perth, Australia

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THE END RHD CRE. DEVELOPING AN ENGGAME FOR RHEUMATIC HEART DISEASE IN AUSTRALIA

Jonathan Carapetis 1,*, on behalf of END RHD CRE Investigators

1Telethon Kids Institute, Perth, Western Australia, Australia