

List of research proposals reviewed and approved by IRB (2019)

No.	Principal Investigator	Title	Certificate Number	Approved date
1.	Dr. Thura Tun Oo, Research Officer, Physiology Research Division, DMR	Insulin resistance, central neuropathy and peripheral sensory neuropathy in type 2 diabetes mellitus	Ethics/DMR/2019/001	15.1.19
2.	Dr. Thazin La Burnet Institute, Myanmar	Uptake of HIV, Hepatitis B, Hepatitis C diagnostic and services by people who inject drugs attending drop-in-centers at Yangon, 2016-2017: Mixed methods study	Ethics/DMR/2019/002	15.1.19
3.	Dr. Nilar Aung, Professor, East Yangon University; Dr. Nway Htike Maw, Research Scientist, DMR	Glycemic index of floating rice (Taunghti) from Ayeyarwady Region	Ethics/DMR/2019/003	15.1.19
4.	Dr. Thurain Htun The Union	Attrition and Virological Failure among adolescents enrolled in Integrated HIV Care Program in Myanmar	Ethics/DMR/2019/004	15.1.19
5.	Miss Win Yadanar Hlaing Master Student, Mahidol University	Factors predicting health-related quality of life among patients with hip fracture after surgery in Myanmar	Ethics/DMR/2019/005	15.1.19
6.	Dr. May Thu Zaw Deputy Director (Planning) Department of Medical Service	A glance on the decentralized procurement of medicine	Ethics/DMR/2019/006	29.1.19
7.	Dr. Ye Kyaw Aung Senior Research Manager, PSI	Risk profiling and exploring provider preferences among malaria at-risk: mobile migrant ethnic and vulnerable populations in Northern Shan State	Ethics/DMR/2019/007	29.1.19
8.	Dr. Khin Hnin Pwint, Research Scientist, DMR	Operational Research on adverse drug reactions in hospitals to ensure patient safety	Ethics/DMR/2019/008	29.1.19
9.	Dr. Han Win, Director, DMR	Prevalence of metabolic syndrome and its components among high school-going adolescents in Yangon Region	Ethics/DMR/2019/009	29.1.19

10.	Dr. Mu Mu Shwe Deputy Director, DMR	Primary Human Papillomavirus (HPV) DNA testing in Cervical Cancer Screening among Gynaecology Clinic Attendees in two selected hospitals, Yangon	Ethics/DMR/2019/010	8.2.19
11.	Dr. Thazin Htwe Junior Consultant (Pathologist) Myaungmya General Hospital	Prevalence of haemoglobinopathies among pregnant women attending the Myaungmya General Hospital	Ethics/DMR/2019/011	8.2.19
12.	Dr. Mya Ohnmar, Deputy Director, DMR	Risk assessment of malnutrition in elderly people residing in the four geographical regions of Myanmar (Phase 1)	Ethics/DMR/2019/012	8.2.19
13.	Dr. Tun Myint Deputy Director General, Yangon Regional Public Health Department; Dr. Thet Su Mon AD, YRPH	Engagement of Myanmar Maternal and Child Welfare Association in Maternal Death Surveillance and Response Activities at Hlaing Thar Yar Township, Yangon Region	Ethics/DMR/2019/013	8.2.19
14.	Daw Kay Thi Aye Research Scientist, Bioinformatics Division, DMR	Establishment of an in-house HIV-1 genotypic drug resistance assay technique in Myanmar	Ethics/DMR/2019/014	8.2.19
15.	Dr. Kyae Mhon Htwe Deputy Director, DMR; Prof. Pyone Pyone Than, Biochemistry Dept, University of Medicine Mandalay	Human organic cation transporter gene polymorphism (rs628031) and its relation with glycemic response to metformin in type 2 Diabetes Mellitus patients	Ethics/DMR/2019/015	8.2.19
16.	Dr. Htet Myet Win Maung, Assistant Director, NTP PhD candidate, Prince of Songkla University	Mapping of Mycobacterium Tuberculosis (MTB) Genomic Diversity Profiles and transmission dynamic at Myanmar and Thailand border area	Ethics/DMR/2019/016	8.2.19
17.	Dr. Sharon Par, Department of Public Health	Knowledge on Adolescent Reproductive Health among Grade Nine Students in Chin State	Ethics/DMR/2019/017	18.2.19

18.	Dr. Khin La Pyae Tun, Research Scientist, DMR	Detection of JAK2 (V617F) mutation by Allele-Specific PCR in Myeloproliferative Neoplasm(MPNs)	Ethics/DMR/2019/018	18.2.19
19.	Dr. Okkar Aung, Marie Stopes International	Monitoring quality of routine service provision in static centers of Marie Stopes Myanmar	Ethics/DMR/2019/019	18.2.19
20.	Dr. Phyu Win Ei, Research Scientist, DMR	Whole Genome Sequencing of pre-extensively drug-resistant and extensively drug-resistant Mycobacterium tuberculosis strains from Myanmar	Ethics/DMR/2019/020	18.2.19
21.	Dr. Meiji Soe Aung, Dr. Thida San, Yangon Children Hospital	Molecular epidemiological characterization of methicillin-resistant Staphylococcus aureus (MRSA) isolated from Yangon Children's Hospital (YCH), Myanmar	Ethics/DMR/2019/021	7.3.19
22.	Dr. Nay Chi Htet Htet Lin Aung, National TB Control Program	What are the barriers in uptake of antiretroviral therapy among HIV-infected tuberculosis patients? A mixed-method study from Ayeyawady Region of Myanmar	Ethics/DMR/2019/022	7.3.19
23.	Daw Phyu Phyu Win, Research Officer, Parasitology Research Division, DMR (POLB)	Study on the prevalence of malaria infection among blood donors using Rapid Diagnosis Test, microscopy and Polymerase Chain Reaction	Ethics/DMR/2019/023	7.3.19
24.	Prof. Kyaw Linn Yangon Children Hospital	Effects of HIV SIV on unconventional T cell immunity to M.Tuberculosis in pre adolescents	Ethics/DMR/2019/027	25.3.19
25.	Dr. Thet Htoo Aung Research Officer, DMR (POLB)	Dengue Virus Infections among Blood Donors in Mandalay General Hospital	Ethics/DMR/2019/029	25.3.19
26.	Dr. Khine Khine Thinn, Yangon Regional Health Department	Coverage and implementation challenges of viral load testing among people living with HIV on ART in Yangon Region, Myanmar during 2017: A mixed method study	Ethics/DMR/2019/030	25.3.19

27.	Dr. Thae Maung Maung, Research Scientist, DMR	Implementing companion of choice during labour and childbirth model and Robson classification: Formative research	Ethics/DMR/2019/031	25.3.19
28.	Dr. Toe Thiri Aung, Deputy Director, Department of Public Health, Dr. Kay Thwe Han, Deputy Director, DMR	Prevalence of Schistosomiasis among the rural community in Sittwe Township, Rakhine State Myanmar	Ethics/DMR/2019/032	11.4.2019
29.	Dr. Sabai Tun, Chulalongkorn University	Factors affecting utilization of family planning services among married women of reproductive age living in the rural area of Kayin State, Myanmar	Ethics/DMR/2019/033	11.4.19
30.	Dr. Aye Su Mon, Dr. Wint Wint Nyunt, Aung San TB Hospital	Genomic characterization of Mycobacterium tuberculosis strains from HIV-associated tuberculosis meningitis patients in three specialist hospitals, Yangon	Ethics/DMR/2019/034	11.4.19
31.	Dr. Nanda Ko, Research Officer, DMR (POLB)	Immuno-histochemical Expression of EGFR and Ki67 in Adenocarcinoma of Stomach at Mandalay General Hospital	Ethics/DMR/2019/035	12.4.19
32.	Dr. Moh Moh Hlaing, Deputy Director/Head, Nutrition Research Division, DMR	Under nutrition and associated factors among under five year old children in Myanmar: Analysis of 2015-2016 Myanmar Demographic Health Survey Data	Ethics/DMR/2019/036	12.4.19
33.	Dr. Ei Phyo Thu, Medical Officer, ENT Hospital, Yangon	Hearing assessment in furniture factory workers	Ethics/DMR/2019/037	14.5.19
34.	Dr. Thei Thei Moe Han, Research Officer, DMR	Thyroid Function Status in Newborns Delivered at Pyin Oo Lwin General Hospital: A Pilot Study	Ethics/DMR/2019/038	14.5.19
35.	Dr. Khin Hnin Pwint, Research Scientist, Daw Moe Moe Aye, Research Officer, DMR	Assessment of environmental tobacco smoke exposure (secondary smoking) in the children with acute respiratory tract infection admitted to selected children hospitals in Yangon Region: Urinary cotinine as biomarker	Ethics/DMR/2019/039	14.5.19

36.	Dr. Kyaw Min Htut, Research Officer, DM	Identifying sexual and reproductive health (SRH) needs and risk behaviors of Vertically HIV infected Adolescents in three township of Kayin State: A Mixed Methods Study	Ethics/DMR/2019/040	14.5.19
37.	Dr. Thuzar Chit Tin Dr. Za Wa Na Ko, Southern Shan State Regional Health Department	Smoking Behavior among (12) to (19) years Age Group Residing in The Community of Taunggyi Township	Ethics/DMR/2019/041	14.5.2019
38.	Dr. Than Than Myint, Dr. Aung Thein Aye, Mandalay Regional Health Department	Community Awareness and Perception on Dengue control measure of Mandalay City	Ethics/DMR/2019/042	14.5.2019
39.	Dr. Kyaw Lwin Show, Research Officer, DMR	Promoting access to harm reduction services for PWID and linkage of service providers between public and private sectors in five priority townships, Sagaing Region, Myanmar	Ethics/DMR/2019/043	14.5.2019
40.	Dr. Tun Min, Dr. Htwe Mya Soe and Daw Ohnmar Aung, Tanintharyi Regional Health Department	Assessment of Maternal Mortality Causes and Maternal Death Surveillance and Response Activities in Tanintharyi Region (2017-2018)	Ethics/DMR/2019/044	14.5.2019
41.	Dr. Thuzar Chit Tin, Dr. Thet Thet Win and Dr. Khaing Su Su Nyein, Southern Shan State Regional Health Department	Is Risk Mother Tracking System Reducing Maternal Death In Southern Shan State?	Ethics/DMR/2019/045	14.5.2019
42.	Dr. Elizabeth Ashley, Dr. Myint Thazin Aung, Burnet Institute	Health burdens of antibiotic resistant infection in Southeast and South Asia – a multinational retrospective study	Ethics/DMR/2019/046	14.5.19
43.	Dr. Aung Nyan Min, Dr. Helen Louise Taylor	Tatlan Nutrition monitoring survey of Tatlan Project in Pauktaw and Myaebon Townships, Rakhine State	Ethics/DMR/2019/047	14.5.19
44.	Mr. Hiroaki Asaoka, PhD student, Kobe University, Japan	Quantitative Analysis for the Project for Improvement of Water Supply System in Mandalay City	Ethics/DMR/2019/048	28.5.19

45.	Dr. Phy Maung Maung Program Director, Infectious Disease, CPI	The perception of workload and time use of village-based health workers for integrated health care services in Kayin State: a qualitative study	Ethics/DMR/2019/049	28.5.19
46.	Dr. Khin Hnin Pwint, Research Scientist, DMR	Identification of acute poisoning cases admitted to different level hospitals in Bago Region and Mon Stat, Myanmar.	Ethics/DMR/2019/050	28.5.19
47.	Dr. Win Min Paing Consultant Surgeon, Department of Cardiac Surgery, YGH	Comparative study of Short Term Graft Patency and Outcomes of Endoscopic and Open Radial Artery Harvesting Methods in Coronary Artery Bypass Grafting	Ethics/DMR/2019/051	28.5.19
48.	Dr. Khin Mi Mi Lay, Deputy Director, DMR	Effect of electrical ionic field exposure on physical performance measures of elderly people at Home for the Aged (Hninzigone), Yangon	Ethics/DMR/2019/052	6.6.19
49.	Dr. Khin Mi Mi Lay, Deputy Director, DMR	Effect of physical activity on physical performance measures of elderly people at Home for the Aged (Hninzigone), Yangon	Ethics/DMR/2019/053	6.6.19
50.	Dr. Thandar Thwin Senior Consultant TB specialist, NTP, Dr. Khine Wut Yee Kyaw, Operational Research Fellow, The Union	Reasons for pre-treatment loss to follow up among diagnosed multidrug-resistant/rifampicin-resistant TB patients in Mandalay Region, Myanmar 2016-2018	Ethics/DMR/2019/054	6.6.19
51.	Prof. Gregory C. Gray, Duke University; Dr. Myaing Myaing Nyunt Assistant Professor of Medicine, Duke University	Tools for Avian Influenza Surveillance in Myanmar's Live Bird Markets	Ethics/DMR/2019/055	6.6.19
52.	Dr. Min Min Win, Research Scientist, Blood Programming Division, Department of Medical Research	Correlation between the arsenic level and hair shaft damage in arsenic exposed hair	Ethics/DMR/2019/056	6.6.19
53.	Dr. Khin May Htwe Senior Consultant/ Associate Professor Central Women's Hospital, Yangon	Prophylactic Antibiotics in Urgent Caesarean Section	Ethics/DMR/2019/057	5.7.2019

54.	Dr. Win Lai May Research Scientist, Clinical Research Division, DMR Dr. Aye Aye Win Deputy Director/ Head Experimental Medical Research Division, DMR	Seropositivity of leptospiral antibodies and associated factors of leptospirosis in children at Thaketa Township, Yangon Region	Ethics/DMR/2019/058	5.7.2019
55.	Dr. Pwint Phyu Phyu, National Malaria Control Program	Identifying the compliance of health care providers in public sector to National Malaria Treatment Guidelines in the context of malaria elimination in Myanmar	Ethics/DMR/2019/059	5.7.2019
56.	Prof. Khin Nyo Thein, North Okkalapa General Hospital, Kazuhiro Kamata	Japan and Myanmar Joint Research Project of Acute Severe Diarrhoea in children	Ethics/DMR/2019/060	5.7.2019
57.	Dr. Ye Phyo, Assistant Director, Non Communicable Disease Control Unit	Prevalence of e-cigarette use among tobacco users in selected states and regions of Myanmar	Ethics/DMR/2019/061	18.7.2019
58.	Daw Aye Aye Maw, Research Officer, DMR	Dietary Intake and Body Composition among Adolescents with Autism	Ethics/DMR/2019/062	18.7.2019
59.	Daw Nwe Ni Sein Myint, PhD student, Faculty of Nursing, University of Chiang Mai, Thailand	Development of Perceived Organizational Climate Scale for Nurses in General Hospitals, Myanmar	Ethics/DMR/2019/063	24.7.2019
60.	Dr. Yan Naung Maung Maung, Deputy Director/Head, Entomology Research Division; Dr. Kay Thwe Han, Deputy Director/Head, Parasitology Research Division, DMR	Longitudinal Survey of Anopheline Malaria Vectors in Myanmar	Ethics/DMR/2019/064	24.7.2019
61.	Dr. Su Latt Tun Myint, Research Scientist, Epidemiology Research Division, DMR	Assessment of the trend, magnitude and determinant of acute respiratory infections among children under five years at Yangon Children Hospital	Ethics/DMR/2019/065	24.7.2019

62.	Dr. Thin Zar Min Assistant Director TB/Leprosy, Magway Region	The uptake, profile and treatment outcomes of patients initiated on shorter MDR-TB regimen in Yangon and Mandalay Regions, Myanmar	Ethics/DMR/2019/066	24.7.2019
63.	Daw Thein Thein Htwe, Dr. Thet Htoo Aung, Mandalay Children Hospital	Serotypes identification of dengue viruses attending 550-bedded Children hospital, Mandalay	Ethics/DMR/2019/067	24.7.2019
64.	Dr. Moh Moh Htun Director, DMR, Prof. Si Si Tun, Prof/Head, UM Taunggyi	Screening for Thyroid Dysfunction and identifying the associated factors among adult population in Southern Shan State of Myanmar	Ethics/DMR/2019/068	1.8.2019
65.	Dr Khin Moe Aung, Deputy Director, Pathology Research Division, DMR-POLB	Molecular Diagnosis of Hb E among pregnant mothers attending 300-bedded Pyin Oo Lwin General Hospital	Ethics/DMR/2019/069	1.8.2019
66.	Dr. Nang A Mwe Nom, National AIDS Control Program, Department of Public Health	HIV care cascade among inmates of the Mandalay central prison in Myanmar: Secondary data analysis for the period beginning 2011 to the end of May 2019	Ethics/DMR/2019/070	1.8.2019
67.	Dr. Saw Saw, Director, DMR	Perspectives on house officers' internship training in Myanmar: A Qualitative study	Ethics/DMR/2019/071	1.8.2019
68.	Dr. Khin Mi Mi Lay, Deputy Director/Head, DMR	Effect of a 12-week Myanmar fitness dance programme of cardio-metabolic and inflammatory response of physically inactive adults	Ethics/DMR/2019/072	1.8.2019
69.	Prof. Ohnmar, Prof. Sanda Kyaw, University of Medicine (1)	Pubertal Timing and Anthropometric Parameters in Adolescent Girls from Four Major Cities (Phase 1)	Ethics/DMR/2019/073	1.8.2019
70.	Dr. San Hone, Dr. Min Yu Aung, NAP, Department of Public Health	Integrated Biological and Behavioral survey for HIV/AIDS and Population Size Estimates among Female Sex Workers and Men who have sex with Men in Myanmar 2019	Ethics/DMR/2019/074	7.8.2019
71.	Dr. Thinn Thinn Hlaing, Grand Hantha International Hospital	Nutritional Status of Hospitalized Adult Patients in Grand Hantha International Hospital in Myanmar: Cross Sectional Study	Ethics/DMR/2019/075	7.8.2019

72.	Dr. Kay Thwe Han, Deputy Director/Head, Parasitology Research Division, DMR	Efficacy and safety artemether- lumefantrine and dihydroartemisinin-piperaquine for the treatment of uncomplicated <i>Plasmodium</i> <i>falciparum</i> malaria and chloroquine for <i>P.vivax</i> in Buthidaung, Rakhine State	Ethics/DMR/2019/076	7.8.2019
73.	Dr. Thida, Director, DMR	Bottle necks in improving skilled birth attendance during delivery and solutions to optimize he access among women in Thabeikkyin Township, Mandalay Region	Ethics/DMR/2019/077	7.8.2019
74.	Daw Hnyun Yi Ywai, Demonstrator, Physiotherapy Dept., YGH	Effect of Structured Activities on gross motor skill development in children with intellectual Disabilities	Ethics/DMR/2019/078	13.8.2019
75.	Dr. Yin Thet Nu Oo, Deputy Director/Head, HSR Division, DMR	Ethics monitoring of DMR IRB approved studies and promoting RCR for MoHS funded research	Ethics/DMR/2019/079	13.8.2019
76.	Dr. Khin Phyu Phyu, Director, DMR	Establishment of community based arsenic removal system in rural area of Kyaung gon Township, Ayewarwady Region (Phase 1 study)	Ethics/DMR/2019/080	13.8.2019
77.	Dr. Mu Mu Shwe, Deputy Director, DMR	Human Papillomavirus (HPV) DNA testing based Cervical Cancer Screening in Magway Region using Care HPV Test	Ethics/DMR/2019/081	13.8.2019
78.	Prof. Mu Mu Naing, Prof. Myat Thu, Yangon General Hospital	A Systems Improvement Approach to Traumatic Brain Injury (ASIA-TBI) in Myanmar	Ethics/DMR/2019/082	23.8.2019
79.	Dr. Kyae Mhon Htwe Deputy Director/Head, DMR	Assessment of cardiovascular risk factors among rural and urban communities in Kyaukpadaung Township	Ethics/DMR/2019/083	23.8.2019
80.	Dr. Khine Mar Zaw, Deputy Director/Head DMR	Prevalence of Sarcopenia and the Diet Consumption Pattern of Elderly Population attending the Geriatric Unit of Yangon General Hospital & the Elderly Day Care Center	Ethics/DMR/2019/084	23.8.2019
81.	Dr. Su Su Yin, Research Officer, DMR	Role of Health Partners (or INGOs) in Health System strengthening and inclusive Health Plan in Myanmar	Ethics/DMR/2019/085	23.8.2019

82.	Dr. Myat Htut Nyunt, Deputy Director, Bioinformatics, DMR	Residual Malaria among Migrant Workers in Myanmar: Why still persistent and how to eliminate?	Ethics/DMR/2019/086	23.8.2019
83.	Dr. Naw Lum, Team Leader, AIDS & STI Control, Kachin State Public Health Department	HIV testing and initiation of antiretroviral therapy for people who inject drugs and are enrolled to methadone maintenance therapy in Myitkyina Drug Dependency Treatment Hospital, Kachin State, Myanmar	Ethics/DMR/2019/087	2.9.2019
84.	Dr. Aye Mya Chan Thar, Assistant Director, DPH	Reported measles cases and measles vaccination coverage in Myanmar at national and sub-national level from 2014 to 2018	Ethics/DMR/2019/088	2.9.2019
85.	Daw Htwe Htwe, Medical Superintendent, Traditional Medicine Hospital, Yangon	Effectiveness of Herbal Hot Fomentation Therapy in Low back pain patients	Ethics/DMR/2019/089	2.9.2019
86.	Dr. Tun Kyaw Soe, Team Leader (TB & Leprosy), NayPyi Taw Public Health Department	Bidirectional screening for Tuberculosis and Diabetes Mellitus in Myanmar: Assessment of the implementation status in 32 pilot townships during January to March, 2019	Ethics/DMR/2019/090	9.9.2019
87.	Dr. Maung Maung Gyi, MMA & Dr. Nan Aye Thida Oo, DMR	Exploring the role of new species <i>Mycobacterium lepromatosis</i> influencing upon persistence of leprosy in Myanmar	Ethics/DMR/2019/091	9.9.2019
88.	Dr. Suu Wynn Mon, Research Scientist, DMR	Diagnosis delay among patients with oesophageal cancer in Yangon Specialty Hospital	Ethics/DMR/2019/092	9.9.2019
89.	Dr. Khin La Pyae Tun, Research Scientist, DMR	Molecular detection of BCR-ABL1 fusion transcripts and JAK2 (V617F) mutation in patients with Myeloproliferative Neoplasms (MPN) attending to Department of Clinical Haematology, Yangon General Hospital (YGH)	Ethics/DMR/2019/093	9.9.2019
90.	Dr. Aung Kyaw Kyaw, Deputy Director, DMR	Screening of Chikungunya Virus Infection among Blood Donors in Blood Bank, Mandalay General Hospital, 2019	Ethics/DMR/2019/094	9.9.2019

91.	Dr. Nandar Ko, Research Officer, DMR	Community-based Cervical Cytology Screening among Married Women in Kani and Kantbalu Townships of Sagaing Region	Ethics/DMR/2019/095	9.9.2019
92.	Dr. Kay Khine Aye Dr. Ei Mon Win, Department of Medical Services	Operational Assessment on Use of Needle Cutter in Health Care Waste management setting	Ethics/DMR/2019/096	9.9.2019
93.	Dr. Mya Ohnmar, Deputy Director, DMR	Prevalence of risk factors for Non-communicable Diseases among the Elderly population in Mon State and Magway Regions of Myanmar (Phase 1)	Ethics/DMR/2019/097	9.9.2019
94.	Dr. Myitzu Tin Oung, Deputy Director, DMR	Reproductive health commodities supply and management at different level of health facilities: exploring current policies and practices	Ethics/DMR/2019/098	9.9.2019
95.	Dr. Yadanar Aung, Research Scientist, DMR	The Situation of Fertility and Migration in Myanmar 2014 Census	Ethics/DMR/2019/099	9.9.2019
96.	Dr. Wai Phyo Maung, Research Officer, DMR	Prevalence of skin infections in HIV- infected patients at Waibargi Specialist Hospital	Ethics/DMR/2019/100	9.9.2019
97.	Dr. Sai Zaw Min Oo, Research Scientist, DMR	The role of discarded containers in dengue vector abundance and public perception on source reduction	Ethics/DMR/2019/101	9.9.2019
98.	Dr. Win Win Yee, National Health Laboratory	Optimizing Utilization of an Existing Abbott m2000 at the National Health Laboratory (NHL) to Expand Access to HCV Testing in Myanmar	Ethics/DMR/2019/102	6.9.2019
99.	Dr. Aye Aye Win, Deputy Director, DMR	Determination of TGF- β 1 level and gene polymorphism, as useful serological markers for hepatocellular carcinoma	Ethics/DMR/2019/103	30.9.2019
100.	Dr. Ei Ei Swe, Research Officer, DMR	Knowledge, Attitude and Practice of adult population towards antibiotic use in Mandalay District	Ethics/DMR/2019/104	30.9.2019
101.	Dr. Lynn Pa Pa Aye, Research Officer, DMR	Detection of Chlamydia trachomatis and Neisseria gonorrhoeae infections from self-collected genital swab specimens using a molecular-based point of care test from patient attending Central STD clinic, YGH	Ethics/DMR/2019/105	30.9.2019

102	Dr. Khin May Htwe Dr. Nandar Win, Central Women's Hospital	Hand hygiene compliance in Intensive Care Units and High Dependency Units at Central Women's Hospital, Yangon	Ethics/DMR/2019/106	30.9.2019
103	Professor Tint Swe Latt & Prof. Motoyuki Yuasa	Trans-cultural study of dietary habits and physical activities among patients with diabetes and non-diabetes persons in Myanmar and Thailand	Ethics/DMR/2019/107	30.9.2019
104	Dr. Yamin Kyaw Thu, Team Leader (TB & Leprosy) Chin State Regional Public Health Department	Community-based KAP Survey on Handwashing among Mothers of Under-five Children in Hakha Township, Chin State, Myanmar	Ethics/DMR/2019/108	30.9.2019
105	Dr. Ei Ei Swe, Research Officer, DMR	Trends and spectrum of admissions with non-communicable diseases in selected tertiary general hospitals of Myanmar during 2000 to 2017: A longitudinal descriptive study	Ethics/DMR/2019/109	30.9.2019
106	Daw Htwe Htwe, Medical Superintendent, Traditional Medicine Hospital	Effectiveness of Janu Basti and Herbal Hot Fomentation Combined Therapy on Patients with Osteoarthritis of Knee Joint	Ethics/DMR/2019/110	30.9.2019
107	U Mya Than Htike, Deputy Permanent Secretary, Daw Soe Soe Myar Dr. Zayar Aung Nu, Department of Sports and Physical Education	Situational Analysis of Sports Competition activities, people participation and available resources of States and Regions in Myanmar	Ethics/DMR/2019/111	30.9.2019
108	Dr. Phyto Yadanar, Research Officer, DMR	Prevalence of dyslipidaemia and Non-alcoholic Fatty Liver Diseases among 10- to 14- years-old overweight and obese school children in selected schools of Yangon Region	Ethics/DMR/2019/112	17.10.2019
109	Dr. Su Su Hlaing, Yangon Regional Health Department	Prevalence of non-communicable diseases (Diabetes, Hypertension) and associated risk factors among Health Care Workers in four selected Townships, Yangon Region	Ethics/DMR/2019/113	17.10.2019

110	Dr. Nay Yi Yi Linn, NMCP, Department of Public Health & Dr. Ohnmar Swe Tin, National Health Laboratory	Pilot evaluation of the use of measles/rubella surveillance specimens for sentinel surveillance of Zika and other arboviral infections in Myanmar	Ethics/DMR/2019/114	17.10.2019
111	Dr. Win Thida Htwe Dr. Thiri Htike San, Department of Sports & Physical Education	Comparison on effect of glucose, oral rehydration fluid and soy milk supplementation during recovery period on the aerobic performance capacity of adolescent athletes	Ethics/DMR/2019/115	17.10.2019
112	Dr. Kyaw Phyto Paing, Research Officer, DMR	Barriers and enablers of External Quality Assessment (EQA) for Acid Fast Bacilli smear microscopy at laboratory facilities of selected regions and state in Myanmar	Ethics/DMR/2019/116	17.10.2019
113	Dr. Han Win, Director, DMR	Prevalence of Metabolic Syndrome among adolescent students in a selected school in North Okkalapa Township, Yangon	Ethics/DMR/2019/117	25.10.2019
114	Professor Michiko Oguro, Tokyo Health Care University, Chiba Nursing Faculty, Dr. Nyi Nyi Htay, University of Nursing, Mandalay	The Current Situation and Challenges of Baccalaureate Nursing Education in Myanmar: A Qualitative Study	Ethics/DMR/2019/118	25.10.2019
115	Dr. Phyto Yadanar, Research Officer, DMR	Prevalence of dyslipidaemia and Non-alcoholic Fatty Liver Diseases among 10- to 14-year-old overweight and obese school children in selected schools of Yangon Region	Ethics/DMR/2019/119	25.10.2019
116	Dr. Aung Pyae Phyto, Research Officer, DMR	An Exploratory Study on Illicit Drug Use among Adolescents in Myanmar: Perspectives of Adolescents and Health Care Providers	Ethics/DMR/2019/120	25.10.2019
117	Dr. Moe Kyaw Myint, Director & Dr. Yi Yi Mya, Director, DMR	Diagnosis of malaria infections among migrant people in endemic area	Ethics/DMR/2019/121	25.10.2019

118	Dr. Moe Kyaw Myint, Director & Dr. Aung Kyaw Kyaw, Deputy Director, DMR	Clinical and virological characterization of dengue virus infection among dengue suspected patients admitted at Pyin Oo Lwin General Hospital (2019-2021)	Ethics/DMR/2019/122	25.10.2019
119	Dr. Kyaw Thet Aung, Research Officer, DMR	Incidence and types of sport injuries and illness among athletes attending in 19th ASEAN University Game	Ethics/DMR/2019/123	25.10.2019
120	Dr. Aung Zaw Latt, Deputy Director, DMR	Detection of Endemic and emerging arboviruses from patients with encephalitis symptoms admitted to Yankin Children Hospital	Ethics/DMR/2019/124	6.11.2019
121	Dr. Phone Thit, Assistant Medical Coordinator, MSF	Second line antiretroviral treatment outcomes and factors associated with viral rebound and virological failure: historical cohort analysis Medecins Sans Frontieres HIV cohorts in Myanmar	Ethics/DMR/2019/125	6.11.2019
122	Dr. Pan Ei Soe, National Health Laboratory	Prevalence and risk factors associated with methicillin resistant Staphylococcus aureus in healthcare settings in Myanmar (2018 and 2019)	Ethics/DMR/2019/126	6.11.2019
123	Dr. Moh Moh Hlaing, Deputy Director, DMR	Building community support for improved maternal and child nutrition (Phase I study): Impact of support group interview on diet of pregnant women	Ethics/DMR/2019/127	6.11.2019
124	Dr. Khin Hnin Pwint, Research Scientist, DMR	Country-wide antibiotic consumption in public hospitals before and after of drug procurement in Myanmar	Ethics/DMR/2019/128	6.11.2019
125	Dr. Nan Aye Thida Oo, Research Scientist, DMR	Neonatal sepsis, antibiotic susceptibility pattern and treatment outcomes among neonates treated in two tertiary care hospitals of Yangon, Myanmar from 2017-2019	Ethics/DMR/2019/129	6.11.2019
126	Dr. Yin Min Thwe, National Health Laboratory	Reporting of water sample surveillance testing for "water safety" from hospitals in Yangon region during 2018 and 2019: coverage and quality?	Ethics/DMR/2019/130	6.11.2019

127	Ja Moon Aung, Graduate Student; Goo Joun-kyoung, Associate Professor, Kyung Pook National University, Korea	Prevalence study of glucose-6-phosphate dehydrogenase (G6PD) deficiency distribution in Myitkyina, Kachin state, Myanmar	Ethics/DMR/2019/131	22.11.2019
128	Dr Nilar Shwe Yee, Asian Harm Reduction Network	Hepatitis B vaccination completion and seroprotection for people who inject drugs in Hpakant, Myanmar, 2015-2018	Ethics/DMR/2019/132	9.12.2019
129	Dr. Theingi Thet Paing Htun, Research Officer, DMR	Intestinal parasitoses among cancer patients receiving chemotherapy at Yangon General Hospital: Pilot Study	Ethics/DMR/2019/133	9.12.2019
130	Dr. Thida Yamin Pyone, Dr. Ni Ni Tun Medical Action Myanmar	A cross-sectional study of the prevalence of chlamydia and gonorrhoea infections diagnosed using a point of care nucleic acid amplification test (Xpert® CT/NG) among female sex workers attending MAM satellite clinic in Hpakant , Myanmar, nested with a pilot prospective observational study of incidence of CT/GC in subset of women	Ethics/DMR/2019/134	9.12.2019
131	Dr. Thandar Tun, University of Public Health	Infection Prevention and Control in Selected Hospitals of Yangon Region, Myanmar: where do we stand? Mixed method study	Ethics/DMR/2019/135	20.12.2019
132	Dr. Kyaw Swar Mya, University of Public Health, Dr. Russell Dean Toth	Uptake and Impacts of Mobile Application to Improve Health Literacy Amongst Pregnancy and Nursing Women in 18 Townships in Peri-Urban Yangon	Ethics/DMR/2019/136	20.12.2019
133	Daw May Sein Ba, PhD candidate, Ramathibodi Hospital, Mahidol University	Factors Influencing Quality of Life among Family Caregivers of Persons with Stroke attending Stroke Units of Government hospitals in Myanmar	Ethics/DMR/2019/137	20.12.2019
134	Daw Kyi May Htwe, Research Scientist, DMR	Detection of hepatitis C viral antibody in dried blood spot (DBS) samples by using Enzyme Immuno-Assay	Ethics/DMR/2019/138	20.12.2019
135	Dr. Win Pa Sandar, University of Public Health	Surveillance of antimicrobial resistance in wound infection at Yangon General Hospital, Myanmar in 2018: A mixed-methods study	Ethics/DMR/2019/139	20.12.2019

136	Dr. Thazin Aung, Research Scientist, DMR	Serum Vitamin D3 status of outdoor workers in Yangon Region during wet and dry seasons	Ethics/DMR/2019/140	20.12.2019
137	Dr. Nick Scot, Prof. Margaret Hellard Burnet Institute, Australia	Modelling hepatitis C virus elimination and control policies in Myanmar	Ethics/DMR/2019/141	27.12.2019
138	Dr. Phone Thit, Assistant Medical Coordinator, MSF	15 years of HIV care delivery in a multi-centre cohort: health workforce burden outcomes and continued positive programme outcomes following implementation of task shifting and a differentiated model of care in Myanmar	Ethics/DMR/2019/142	27.12.2019
139	Dr. Thi Thi Htoon Professor Htay Htay Tin, National Health Laboratory	Operational study on awareness of antimicrobial resistance among mobile phone users in Myanmar	Ethics/DMR/2019/143	27.12.2019
140	Dr. Phyo Theingi, NTP, Department of Public Health	Prevalence of Depression and its associated factors among patients with Multidrug-Resistant Tuberculosis in Myanmar	Ethics/DMR/2019/144	27.12.2019
141	Professor Moe Moe San, Department of Tropical Medicine, YGH	Antibiotic Prescribing audit as Part of the Establishment of an Antimicrobial Stewardship Programme in Yangon General Hospital	Ethics/DMR/2019/146	27.12.2019
142	Prof. Hla Hla Win, Rector, University of Public Health & Prof Anil Kumar Indira Krishnan, Technical Lead, Public Health, HelpAge International Myanmar	Knowledge and perception of community on health-related activities of Inclusive Self Help Groups (ISHGs) in three regions of Myanmar and ways for strengthening	Ethics/DMR/2019/147	27.12.2019
143	Professor Kyawt Sann Lwin, Prof and Head, Healthy Policy and Management Department, UoPH, Yangon	Lifestyle Behaviors and Facilitators and Barriers in Adoption to healthy Lifestyle among Hypertensive Patients: A Cross Sectional Mix Method Study	Ethics/DMR/2019/148	27.12.2019

List of proposals exempted after IRB review

No.	Principal Investigator	Title	IRB Decision	Date
1.	Dr. Nan Cho Nwe Mon Research Scientist, Pathology Research Division, DMR	Immunoexpression of p16INK4a and Ki-67 staining on residual cervicovaginal samples of HIV infected women for early diagnosis of cervical cancer	Ethics/DMR/2019 /Exemption-1	29.1.2019
2.	Dr. Khin Kant Kaw Oo, Research Officer, Pathology Research Division, DMR	Role of EGFR mRNA expression in colorectal carcinoma	Ethics/DMR/2019 /Exemption-2	29.1.2019
3.	Dr. Yin Min Htun, Deputy Director, DMR	Detection of von Hippel-Lindau gene mutation in circulating cancer cells of renal cell carcinoma patients	Ethics/DMR/2019 /Exemption-3	14.5.2019
4.	Dr. Thet Thet Mar, Deputy Director, DMR	Comparison of lethality, protein compositions and enzymatic activities of Russell's viper (<i>Daboia saimensis</i>) venom from different geographical locations in Myanmar	Ethics/DMR/2019 /Exemption-4	6.6.2019
5.	Dr. Kyae Mhon Htwe, Deputy Director, DMR	Delta 5 desaturase gene polymorphism, serum omega 3 omega 6 fatty acid levels in subjects with metabolic syndrome	Ethics/DMR/2019 /Exemption-5	24.7.2019
6.	Daw Hnin Hnin Lwin U Myo Chit, Ayeyawaddy Regional Health Department	Study on Assessment of Effective Utilization for Computed Tomography (CT) which are Preventive Maintenance and Inspection (PMI) Contract with Local Distributors	Ethics/DMR/2019 /Exemption-6	25.10.2019
7.	Daw May Palael Thwe, Institute of Sports & Physical Education	Body composition of selected martial arts athletes in Institute of Sports and Physical Education (ISPE, Yangon)	Ethics/DMR/2019 /Exemption-6	6.11.2019
8.	Mg Sai Htet Aung, Institute of Sports & Physical Education	Nutritional Status of 2019-2020 Intake Students Attending Institute of Sports and Physical Education Yangon	Ethics/DMR/2019 /Exemption-7	6.11.2019
9.	Ma Theint Thiri Soe, Institute of Sports & Physical Education	A study of Common injuries in Martial arts players of Institute of Sports and Physical Education (Yangon)	Ethics/DMR/2019 /Exemption-8	6.11.2019