**MAY MEASURE MONTH 2021 CAMPAIGN**

**REPORTING PERIOD:** 25 September - 24 October 2021

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| **PROJECT OVERVIEW** | |
| **PROJECT TITLE:** | **May Measurement Month 2021** |
| **PROJECT START DATE:** | Project management for MMM began in September 2020  The campaign start date is 01 May 2021. |
| **PROJECT FUNDING PERIOD:** | April 2021 – April 2022 |
| **COLLABORATORS:** | Servier  Omron  Resolve to Save Lives (RTSL)  Blood Pressure UK  World Stroke Organisation  World Hypertension League  Medtronic  Vascular Ageing Network  Philippines Society of Hypertension  Vietnam Society of Hypertension  Malaysia Society of Hypertension  Thai Hypertension Society  Sunway University, Malaysia |
| **DEVELOPMENTS OVER 30 DAY REPORTING PERIOD** | |
| **ACTIVITIES PURSUED:** | * Securing air pollution monitor data near MMM sites in Indonesia, Philippines, Malaysia, Thailand and Vietnam. |
| **ACCOMPLISHMENTS OR MILESTONES ACHIEVED:** | * 5 of the 10 ASEAN countries have confirmed participation in MMM21. – No change * A.Fib detection devices have been secured and shipped to Philippines, Malaysia and Vietnam Country Leads. Screenings to start in July. – No change * AF specific questions added to the MMM App with access to these questions limited to AF participating countries.   Air Pollution Retrospective Study - Sites which generated exact geographical locations (via App-entered data) from 2017-2019 have been identified and forwarded to the collaborating investigators in Delhi, where feasibility of carrying out associated analyses is being assessed via availability of retrospective pollution and meteorological data. – No change  Follow on care secured for participants with readings over 140/90 in Iloilo District, Philippines in partnership with Resolve to Save Lives Clinics. Screening taking place in COVID vaccination centres. |
| **CHALLENGES ENCOUNTERED:** | * Myanmar have withdrawn their participation in MMM21 due to civil unrest in their country, (5 countries remain as confirmed participants). * Brunei and Laos have indicated that they are unable to take part in the MMM campaign this year but will consider it for 2022. * Indonesia facing another wave of COVID infections, MMM screening delayed to October. No updates. |
| **CHALLENGES RESOLVED:** | * In light of COVID-19 the MMM 2021 campaign has now been extended to take place from 01 May – 30 November to allow for safer screening to take place globally. There are now 4 weeks left for this year’s campaign. * MMM screening successfully being carried out at COVID-19 vaccination centres in the Philippines – Manilla, Iloilo District and Davao City. |
| **RESULTS** | * The MMM21 screening campaign has now closed, the team are currently collating all data received from the participating ASEAN countries. Here is an overview of the BP screenings secured to date: * Indonesia – 14,963 * Malaysia – 210 * Philippines – 56,731 * Thailand – 10,990 * Vietnam – 2,662 |
| **Atrial Fibrillation Screening** | * To date we have received the AF screening data from the Philippines team who screened a total of 80 participants for AF using the devices sent to them by the MMM campaign. All those screened did not have AF. * We are awaiting more results regarding AF screening from Malaysia and Vietnam |
| **Air Pollution Study** | * The MMM21 Air Pollution Study is being carried out in 5 ASEAN countries: Indonesia, Malaysia, Philippines, Thailand and Vietnam. * Our Air Pollution Team are currently collating and analysing data from 10 sites in Thailand. * MMM is currently establishing location details with associated air particle data for Indonesia, Malaysia, Philippines and Vietnam for analysis. |

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| **MAY MEASUREMENT MONTH 2021** | | | |  |  |  |  |  |  |  |  |  |  |
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| **MMM PARTICIPATION** | | | |  |  | **A-FIB STUDY** | | |  | **AIR POLLUTION PILOT** | | | | |
| **COUNTRY** | **INVITED Y/N** | **ACCEPTED Y/N** | **CITIES CONFIRMED** | |  | **INVITED Y/N** | **ACCEPTED Y/N** | **CITIES CONFIRMED** |  | **INVITED Y/N** | **ACCEPTED Y/N** | **CITIES TBC** | **CITIES CONFIRMED** |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Brunei** | YES | NO |  | |  | NO |  |  |  | NO |  |  |  |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Cambodia** | YES | NO | NO | |  | NO | N/A | N/A |  | NO | N/A |  |  |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Indonesia** | YES | YES | Jakarta | |  | NO | N/A | N/A |  | YES | YES | Banyuwangi, Makassar | Jakarta |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Laos** | YES | NO | NO | |  | NO | N/A | N/A |  | NO | N/A |  |  |
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| **Malaysia** | YES | YES | Kuala Lumpar, Kuching, Johor Bahru, Kota Kinabalu | |  | YES | YES | Kuala Lumpar |  | YES | YES |  | Kuala Lumpar, Kuching, Johor Bahru, Kota Kinabalu |
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| **\*Myanmar** | YES | NO |  | |  |  |  |  |  |  |  |  |  |
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| **Philippines** | YES | YES | Davao City, Manilla | |  | YES | YES | Manilla, Iloilo Province |  | YES | YES | Cebu City | Davao City, Manilla |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Singapore** | YES | TBC | TBC | |  | NO | N/A | N/A |  | NO | N/A | Singapore |  |
|  |  |  |  | |  |  |  |  |  |  |  |  |  |
| **Thailand** | YES | YES | Bangkok, Phuket | |  | NO | N/A | N/A |  | YES | YES | Chonburi | Bangkok, Phuket |
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| **Vietnam** | YES | YES | Hanoi, Ho Chi Minh City | |  | YES | YES | TBC |  | YES | YES | Da Nang, Ho Chi Minh City | Hanoi, Ho Chi Minh City |

\*Myanmar have decided to withdraw their participation in the MMM21 campaign due to civil unrest in the country.

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| **FUNDING BREAKDOWN TO DATE** | |  |  |  |  |  |  |  |  |
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| **May Measurement Month 2021 Campaign** | | | | | |  |  |  |  |
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| **COUNTRY** | **CITY** |  | **MMM SCREENING** | **A.FIB STUDY** | **AIR POLLUTION** |  | **APP** | **WEBSITE** | **DATA ANALYSIS** |
| **Brunei** |  |  |  |  | NO |  | $ 13,000.00 | $ 20,000.00 | $ 45,000.00 |
|  | Bandar Seri Begawan |  | NO |  |  |  |
| **Cambodia** |  |  |  |  | N/A |  |
|  | Battambang |  | TBC |  |  |  |
|  | Phnom Penh |  | TBC |  |  |  |
|  | Siem Reap |  | TBC |  |  |  |
| **Indonesia** |  |  |  |  | $ 12,000.00 |  |
|  | Jakarta |  | $ 2,000.00 |  |  |  |
|  | Banyuwangi |  | TBC |  |  |  |
|  | Makassar |  | TBC |  |  |  |
| **Laos** |  |  |  |  | N/A |  |
|  | Luang Prabang |  | TBC |  |  |  |
|  | Vientiane |  | TBC |  |  |  |
| **Malaysia** |  |  |  |  | $ 12,000.00 |  |
|  | Kuala Lumpur |  | $ 2,000.00 |  |  |  |
|  | Kuching |  | $ 2,000.00 |  |  |  |
|  | Johor Bahru |  | $ 2,000.00 |  |  |  |
|  | Kota Kinabalu |  | $ 2,000.00 |  |  |  |
| **Myanmar** |  |  |  |  | N/A |  |
|  | Mandalay |  | N/A |  |  |  |
|  | Nay Pyi Taw |  | N/A |  |  |  |
|  | Yangon |  | N/A |  |  |  |
| **Philippines** |  |  |  |  | $ 12,000.00 |  |
|  | Davao City |  | $ 2,000.00 |  |  |  |
|  | Cebu City |  | TBC |  |  |  |
|  | Manila |  | $ 2,000.00 |  |  |  |
| **Singapore** |  |  |  |  | N/A |  |
|  | Singapore |  | TBC |  |  |  |
| **Thailand** |  |  |  |  | $ 12,000.00 |  |
|  | Bangkok |  | $ 2,000.00 |  |  |  |
|  | Chonburi |  | TBC |  |  |  |
|  | Phuket |  | $ 2,000.00 |  |  |  |
| **Vietnam** |  |  |  |  | $ 12,000.00 |  |
|  | Hanoi |  | $ 2,000.00 |  |  |  |
|  | Da Nang |  | TBC |  |  |  |
|  | Ho Chi Minh City |  | $ 2,000.00 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **SUB TOTAL** |  |  | **$ 22,000.00** |  | **$ 60,000.00** |  | **$ 13,000.00** | **$ 20,000.00** | **$ 45,000.00** |
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| **TOTAL** |  |  |  |  |  |  |  |  | **$ 138,000.00** |