



# Medical Contribution To Society In Fight Against COVID-19 - A News From Malaysia -

Since its founding in 1875, Shimadzu Corporation has been committed to contributing to society through science and technology. Facing with this pandemic COVID-19, Science is more important now than ever before. With extensive technology and worldwide customer support network, Shimadzu Group will continue to fight against this pandemic by providing analytical devices to develop a vaccine and pharmaceuticals, also delivering state-of-the-art X-ray imaging solutions to support healthcare professionals to diagnose pneumonia patients effectively and efficiently throughout the world.  
This is a news arrived from Malaysia.

**Medical Contribution**

MEDICAL CONTRIBUTION TO SOCIETY IN FIGHT AGAINST COVID-19



November 30, 2020 – Malaysia is facing the third wave of COVID-19 Pandemic. Although some measures are taken by government, the situation is still serious with highest daily increase records registered in November and we will have to keep fighting together going forward. This time, we would like to highlight the great contribution of Shimadzu medical product to the Malaysian society.

As the COVID-19 issues arose, SML got a mission to work as one of the essential services. MOH placed special orders to get government hospitals ready to fight against the pandemic. For this mission, throughout MCO, our medical team had to work facing challenges and risks; after also private arrangement with families, travel to the customer's site through roadblocks by the authorities requiring some documentation and pre-approval in advance, need to wear PPE set to comply with the guidelines by the hospital to prevent infection. It was more difficult where almost all services such as accommodation, petrol pumps and others were closed due to MCO. However, they had to manage to meet the requirement by the customer which have been requirement by the society.

On the other hand, they had also dilemma that limited number of systems were supplied from Japanese HQ so that they had to ask customers to wait sometimes.

One of our medical colleagues says, "Going through such difficulties and challenges, it was grateful to see our first Mobile DR on the market." Comparing with other brands, our product received higher evaluation and we are the champion in supporting Malaysian government, of which our medical team was very proud.



"It was also a great opportunity for us to introduce the Shimadzu brand to the user (front-liners). We could let them experience the latest and most advanced technology in mobile radiography system. Users said that our system is more robust and easier to use than other brands."





In this mission, our MobileDart Evolution MX8c (digital) & MobileArt Evolution MX7 are being delivered. These systems are diagnostic imaging systems used in the hospital as a best effort to diagnose or monitor patients with infectious disease within their quarantine area. Mobile digital radiography (DR) systems are at the forefront in providing an initial screening for pneumonia, a secondary and more progressive stage of COVID-19 in severe cases. Imaging is not routinely designated in asymptomatic individuals with mild COVID-19 symptoms unless they are at risk for disease progression. Mobile DR systems are used heavily to track progression of pneumonia due to the capabilities of bed side imaging enabling use in emergency rooms, A&E facilities and in the ICU. Mobile DR imaging has benefits of offering quicker, and less costly imaging services than other modalities. Mobile general radiography systems are a cost-efficient alternative to a fixed radiography room and allow technicians to bring the equipment to the patient, rather than having to bring the patient to the equipment. This can help save critical time for serious cases of COVID-19 in reaching an initial diagnosis, resulting in more efficient workflows and usage in A&E facilities, ICU and designated COVID-19 units. Mobile DR equipment dedicated to COVID-19 imaging can be set up closer to intensive care units, decreasing risk of virus transmission, with some mobile DR systems becoming dedicated for COVID-19 cases.



We are still in fight against COVID-19 pandemic and the challenges of our Medical team is also going on. We would like to give a cheer for them and wish that Shimadzu can contribute Malaysian society moving forward. Everybody, please take care and stay safe.



## List of States installed from March to November 2020 :

Melaka – MDE MX8c (1 unit)

Selangor – MDE MX8c (1 unit), MAE MX7 (3 units)  
& MAE MX7 upgrade to digital (1 unit)

W.P Kuala Lumpur – MDE MX8c (2 units)

Johor – MDE MX8c (1 unit)

Kedah – MDE MX8c (4 units)

Perak – MDE MX8c (2 units) & MAE MX7 upgrade to digital (1 unit)

Pulau Pinang – MDE MX8c (1 unit) & MAE MX7 (1 unit)

Negeri Sembilan – MDE MX8c (1 unit) & MAE MX7 (1 unit)

Terengganu – MDE MX8c (1 unit) & MAE MX7 (2 units)

Kelantan - MAE MX7 (1 unit)

W.P Labuan – MAE MX7 (1 unit)

Sarawak – MDE MX8c (3 units) & MAE MX7 (1 unit)

Sabah – MDE MX8c (11 units) & MAE MX7 (6 units)

Total:

MobileDaRt Evolution(stated as “MDE” in above) MX8c : 28 units

MobileArt Evolution(stated as “MAE” in above) MX7 : 16 units

MobileArt Evolution MX7 upgraded to digital : 2 units



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