

THE 8TH UNIMAS PUBLIC HEALTH SEMINAR 2022

**23 & 24
FEB**

**Realigning Healthcare in Malaysia
After COVID-19 Pandemic**



**THREAD 1: DIGITAL HEALTH
& HEALTH SYSTEM**

**THREAD 2: CAPACITY BUILDING
& CONTENT EXPERT**

**THREAD 3: LEADERSHIP
& STEWARDSHIP**

**THREAD 4: ENABLERS
& FIELD EXPERIENCE**

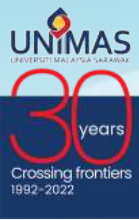
Organized by :
Cohort 10 DrPH Candidates
Department of Community Medicine and Public Health
Faculty of Medicine and Health Sciences
University Malaysia Sarawak (UNIMAS)

Day 1 - 8th UNIMAS Public Health Seminar 2022 (23 February 2022)

Time	Activity
0830	Housekeeping Address
0845 - 0900	Negaraku Doa recitation Welcoming speech by chairperson Opening speech by Head of Department
0900 - 0930	Keynote speech by YB Khairy Jamaluddin Abu Bakar Minister of Health, Malaysia Realigning Healthcare in Malaysia After COVID-19 Pandemic
0930 - 1030	E-poster presentation (recorded)
1030 - 1100	Thread 2: Capacity Building & Content Expert Dr Nik Jasmin binti Nik Mahir Director of Public Health Development Division, MOH Topic: Public Health specialty capacity building within MOH
1100 - 1200	Thread 1: Digital Health & Health System Datuk Dr Norhayati Rusli Director of Diseases Control, MOH Topic: Virtual non-contact health strategies: Way forward Q&A session
1200 - 1300	Thread 1: Digital Health & Health System Dr Khor Swee Kheng Senior Visiting Fellow (UNU-IIGH) Topic: From national to regional and global health system Q&A session
1300 - 1400	Lunch E-poster
1400 - 1500	Thread 2: Capacity Building & Content Expert Prof Datuk Dr Lokman Hakim Bin Sulaiman Professor of Public Health & Pro Vice Chancellor (Research), IMU Topic: Future ready health workforce: Public Health capacity building Q&A session
1500 - 1600	Thread 1: Digital Health & Health System ASSOC PROF DR ZAFAR AHMED Health Economics & Financing, UNIMAS Topic: Efficient and effective healthcare: Build back better Q&A session
1600 - 1700	Concluding remarks

Day 2 - 8th UNIMAS Public Health Seminar 2022 (24 February 2022)

Time	Activity
0830 - 0900	Housekeeping Address
0900 - 1000	Thread 3: Leadership & Stewardship Prof Tan Sri Dr Jemilah Mahmood Pro-Chancellor, Heriot-Watt University Malaysia (HWUM) Topic: Leadership and partnership towards healthcare post COVID-19 pandemic Q&A session
1000 - 1100	Thread 3: Leadership & Stewardship Datuk Dr Kuljit Singh President of Association of Private Hospitals, Malaysia (APHM) Topic: Towards a better integration of public and private healthcare post COVID-19 pandemic Q&A session
1100 - 1200	Thread 4: Enablers & Field Experience Dr Maurice Steve Utap & Dr Ashwin Sumon Dey Klinik Kesihatan Tudan, Miri Sarawak Topic: Virtual Clinic In Klinik Kesihatan Tudan: Field Experience Q&A session
1200 - 1300	E-poster presentation (recorded)
1300 - 1400	Lunch E-poster
1400 - 1500	Thread 4: Enablers & Field Experience Toman Mamora Communication & Research Consultant Topic: The role of the Fourth Estate in healthcare of the future Q&A session
1500 - 1600	Thread 4: Enablers & Field Experience Mrs Zakinah Tuah Head of TM One Sarawak, Telekom Malaysia Berhad Topic: Leaving no one behind means leaving no one offline Q&A session
1600 - 1700	Announce winner for e-poster competition Closing ceremonies Closing remarks



THE 8TH UNIMAS PUBLIC HEALTH SEMINAR 2022

REALIGNING HEALTHCARE IN MALAYSIA AFTER COVID-19 PANDEMIC



e-posters



COVID-19 CLUSTER MANAGEMENT IN EDUCATIONAL INSTITUTION : CHALLENGES IN FIELD & DIGITAL EPIDEMIOLOGY



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INTRODUCTION



Figure 1 : Field Epidemiology at work

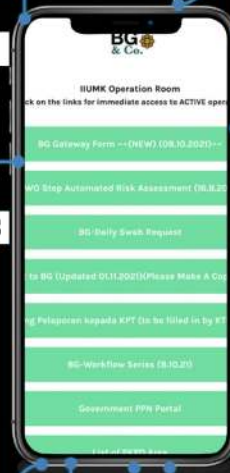
With students returning to campus in accordance to the national recovery plan, efficient COVID-19 management in educational institution remains paramount. Here we illustrate an outbreak investigation that has been carried out involving students living in hostel setting.

OBJECTIVES

To break the chain of transmission of COVID-19

MATERIALS AND METHODS

1. We used combined field and digital contact tracing methods.
2. The index case was detected in our primary care clinic via symptomatic screening. Subsequently further cases came to the clinic with similar COVID-19 symptoms.
3. Cases in the cluster were defined as individuals who were in contact with the index case between 9 July 2021 until 26 July 2021.
4. We used LinkTree dashboard, which contains google form contact tracing and risk assessment tools.



RESULTS AND DISCUSSION

1. Four hostels underwent lockdown for find, test, trace, isolate and support almost 600 residents.
2. Propagated spread occurred, with 8 confirmed COVID-19 cases and 30 close contacts (CC1) that were isolated for 10 days and quarantined for 14 days, respectively, in designated student isolation and quarantine centres.

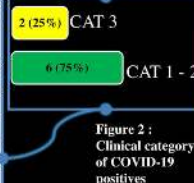


Figure 2 : Clinical category of COVID-19 positives

Figure 3: Epidemic curve of year 3 medical student cluster

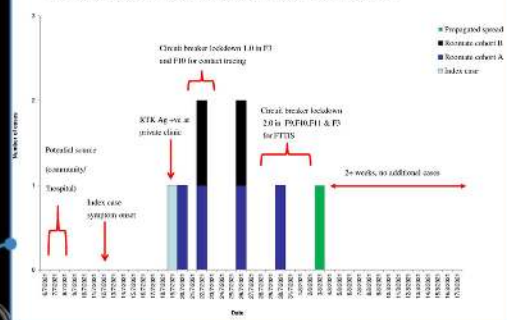
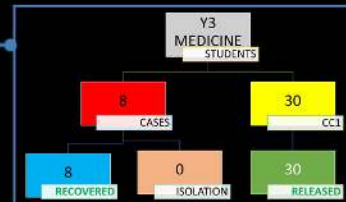


Figure 4 : Outcome after swift field and digital methods of containment done



CONCLUSION AND RECOMMENDATION

COVID-19 cluster management in-campus has been managed rigorously and timely to break the chain of transmission. This requires whole-of-institution approach. The use of in-house digital methods for contact tracing in field investigation is highly recommended, reducing healthcare burden outside the campus.

ACKNOWLEDGEMENTS

IUM Kuantan campus administration & PKD Kuantan

REFERENCES

1. COVID-19 Guidelines in Malaysia, MOH Malaysia (Updated Feb 2022)
2. Modern Epidemiology 4th edition, Rothman et al. (4th Edition)



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