



COVID-19
THE GLOBAL HEALTH CHALLENGES
FOR THE NEW DECADE



REPORT

COVID-19:

**The Global Health Challenges
for the New Decade
Virtual Conference**

15-17 July 2020



EXECUTIVE SUMMARY

The COVID-19 Global Health Challenges for the New Decade Virtual Conference was held to assemble the experts in the expanding fields related to the COVID-19, from very fundamental issue to “new normal” practical approach and vaccine development. We are all acutely aware of the growing crisis associated with the Coronavirus. Thus it is timely that this meeting was held to enable all front liners in this battle to meet and discuss critical issues in this escalating problem. This 3 day-virtual conference had gathered 27 invited speakers from around the world including UK, Vietnam, Philippines, Indonesia, USA, China and Thailand. These experts covered the fields of laboratory, diagnosis, critical care, infection control & treatment, pediatric issue, crisis & hospital management and vaccine. It attracted almost 1,000 participants from around the world.

The Opening Ceremony was presided over by Dr. Somsak Akkasilp, Director General, Department of Medical Services.

CONFERENCE OVERVIEW

Title: COVID-19 Virtual Conference

Slogan: The Global Health Challenges for the New Decade

Date: 15-17 July 2020 (15 July 2020: International sessions/16-17 July 2020 Thai sessions)

Venue: CMO Studio

Hosted by: Rajavithi Hospital, Rajavithi Hospital Foundation and CMO Public Company Limited

Online Participants: Thai delegates 941 and international delegates 34 (Total 975)

Official Website: <https://covid-19thailandconference.com/>

Sponsors: Sumitomo Pharmaceuticals (Thailand) and Hausen Bernstein (Thailand)

Secretariat:

CMO Public Company Limited by CM Meetings

4/18-19 Soi Nuanchan 56, Nuanchan, Buengkum, Bangkok 10230 Thailand

Tel +662-088-3888 ext. 1556 Email kamolchanok@cmo-group.com



CONFERENCE PROGRAM

Day 1: Wednesday 15 July 2020

16:00-16:30	Opening Session Somsak Akksilp, MD Director General, Department of Medical Services
16:30-17:10	Session 1: China's Response to COVID-19 <i>Zunyou Wu, MD, PhD (China CDC)</i>
17:10-17:50	Session 2: Reflections and Practice on the Treatment of Severe and Critical COVID-19 <i>Haichao Li, MD (China)</i>
17:50-18:20	Session 3: Country's Experience: Philippines <i>Jennifer Ann Wi, MD (APSR Representative-Philippines)</i>
18:20-18:50	Session 4: Country's Experience: Indonesia <i>Erlina Burhan, MD, PhD (APSR Representative-Indonesia)</i>
18:50-19:30	Session 5: COVID-19: UK's Second Wave in Orthopaedic Perspective <i>Christopher Gee, MBChB MSc FRCSEd (Tr&Orth) MFSTEd (UK)</i>
19:30-19:35	Sponsor (VDO)
19:35-20:15	Session 6: Review on Molecular Basis of Coronavirus Spike Proteins for Rational Vaccine Design <i>Ly Le, PhD (Vietnam)</i>
20:15-20:20	Sponsor (VDO)
20:20-21:00	Session 7: U.S. Experiences in COVID-19 Pandemic <i>Sapna Bamrah Morris, MD (US CDC)</i>



CONFERENCE PROGRAM

Day 2: Thursday 16 July 2020

12:00-12:10	Welcome Message from Host Poj Intalaphaporn, MD
12:10-13:40	Symposium 1: COVID-19: The Unfinished Threat from Coronavirus Moderator: Poj Intalaphaporn, MD COVID-19: The Genetic Evolution of Coronavirus <i>Yong Poovorawan, MD</i> Lesson and Learn from SARS, MERS to COVID-19: 20 Years Experience <i>Tawee Chotpitayasunondh, MD</i> The New Normal and the New Emerging Infectious Disease Threats <i>Kamthorn Malatham, MD</i>
13:40-14:10	Sponsor (VDO)
14:10-15:40	Symposium 2: Infection Control - How to Enhance the Control under the Restricted Facilities Moderator: Poj Intalaphaporn, MD Hospital Infection Prevention and Control for COVID-19 <i>Chariya Sangsajja, MD</i> Optimizing Infection Control, Maximizing Safety <i>Kamthorn Malatham, MD</i>
15:40-16:10	Sponsor (VDO)
16:10-18:10	Symposium 3: Abnormalities in Laboratory : Coronavirus Diagnostics Moderator: Wasun Chantratita, PhD From bat Coronavirus to COVID-19 <i>Supaporn Wacharapluesadee, PhD</i> Fighting COVID-19 with Whole Genome Sequencing <i>Wasun Chantratita, PhD</i> Genomic Sequencing and Analysis of the First Imported Case of COVID-19 in Thailand: A Key Advantage of the Diagnosis in the Early Phase <i>Pilailuk Aukapaiboon Okada, PhD</i> Viral Isolation and Antibody Detection <i>Pilaipan Puthavathana, PhD</i>
18:10-18:40	Sponsor (VDO)
18:40-20:10	Symposium 4: Adult COVID-19: The Medical Management and Case Sharing Moderator: Poj Intalaphaporn, MD Covid-19 Pneumonia; The Clinical Diagnosis <i>Somkid Ounsaemathum, MD</i> Medical Treatment for COVID-19: The Evidence Base Practice <i>Sasisopin Kiertiburanakul, MD, MHS</i> COVID-19 The Difficult Case Sharing <i>Weerawat Manosuthi, MD</i>



CONFERENCE PROGRAM

Day 3: Friday 17 July 2020

12:00-12:10	Welcome Message from Host Poj Intalaphaporn, MD
12:10-13:40	Symposium 5: Intensive & Critical Care: Various Approaches for Severe Cases Moderator: Poj Intalaphaporn, MD Management of Severe COVID-19: Siriraj Experience <i>Nitipatana Chierakul, MD</i> ARDS and IL-6, The Experience from Central Chest Hospital <i>Piamlarp Sangsayunh, MD</i> Cytokines Storm in Severe COVID-19 and The Role of Extracorporeal Blood Purification in Chulalongkorn Hospital <i>Nattachai Srisawat, MD, PhD</i>
13:40-14:10	Sponsor (VDO)
14:10-15:40	Symposium 6: Pediatric Experiences in COVID-19 Disruption Moderator: Piyarat Santarattiwong, MD The Challenges of Pediatric Practice in The Mist of COVID -19 Outbreak <i>Kulkanya Chokephaibulkit, MD</i> COVID-The Ultimate Catalyst for Disruption: The Pediatric Experience <i>Warunee P Vandepitte, MD, PhD</i>
15:40-16:10	Sponsor (VDO)
16:10-17:40	Symposium 7: Vaccine Development : Different Methods, 1 Solution Moderator: Kiat Ruxrungham, MD Covid19 Vaccines : A Race against Pandemics <i>Kiat Ruxrungham, MD</i> Update on COVID-19 Vaccine Development; Global and Thailand <i>Nakorn Preamsri, MD</i>
17:40-17:50	Closing Session Poj Intalaphaporn, MD



SPEAKER LIST

No	Name	Organization
1	Poj Intalaphaporn, MD, BPH, MSc	Head of Infectious Disease Unit, Department of Medicine, Rajavithi Hospital
2	Yong Poovorawan, MD	Medical Professor in Pediatric hepatology, Head of the Center of Excellence in Clinical Virology Faculty of Medicine, Chulalongkorn University
3	Tawee Chotpitayasunondh, MD	President of Pediatric Infectious Disease Society of Thailand
4	Kamthorn Malatham, MD	President of Infectious Disease Association of Thailand Deputy Director of Ramathibodi Hospital, Mahidol University
5	Chariya Sangsajja, MD	Deputy Director of Medical Development Clinic
6	Supaporn Wacharapluesadee, PhD	Thai Red Cross Emerging Infectious Diseases - Health Science Centre WHO Collaborating Centre for Research and Training on Viral Zoonoses King Chulalongkorn Memorial Hospital Faculty of Medicine, Chulalongkorn University
7	Wasun Chantratita, PhD	Head of Center for Medical Genomics Faculty of Medicine, Ramathibodi Hospital
8	Pilailuk Aukapaiboon Okada, PhD	Medical Technologist, Senior Professional Level Department of Medical Sciences, Ministry of Public Health
9	Prof. Emer. Dr. Pilaipan Puthavathana, PhD	The Virology Association (Thailand) Center for Research and Innovation Faculty of Medical Technology, Mahidol University
10	Somkid Ounsaemathum, MD	Head Division of Respiratory Disease Department of Medicine Rajavithi Hospital



SPEAKER LIST

No	Name	Organization
11	Sasisopin Kiertiburanakul, MD, MHS	Professor of Medicine at Faculty of Medicine Ramathibodi Hospital, Mahidol University
12	Weerawat Manosuthi, MD	Department of Medicine, Bamrasnaradura Infectious Diseases Institute, Ministry of Public Health
13	Nitipatana Chierakul, MD	Head Division of Respiratory Disease and Tuberculosis, Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University President of the Thoracic Society of Thailand under Royal Patronage
14	Piamlarp Sangsayunh, MD	Medical Physician, Expert Level Central Chest Institute of Thailand, Department of Medical Services, Ministry of Public Health
15	Nattachai Srisawat, MD, PhD	Division of Nephrology, Department of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital
16	Kulkanya Chokephaibulkit, MD	Professor of Pediatrics Director of Siriraj Clinical Research Center Siriraj Hospital, Mahidol University
17	Warunee P Vandepitte, MD, PhD	Division Chief of Pediatric Infectious Diseases, Queen Sirikit National Institute of Child Health, Dept. of Medical Services, Ministry of Public Health
18	Kiat Ruxrungham, MD	Professor of Medicine, Department of Medicine Chulalongkorn University Chula Vaccine Research Center (ChulaVRC)
19	Nakorn Prensri, MD	Director of National Vaccine Institute Ministry of Public Health Thailand
20	Piyarat Suntarattiwong, MD	Pediatric Infectious Disease Unit, Queen Sirikit National Institute of Child Health



SPEAKER LIST

No	Name	Organization
21	Zunyou Wu, MD, PhD	Chief Epidemiologist, China CDC Adjunct Professor of Epidemiology, UCLA
22	Li Haichao, MD	Professor and Chief of Respiratory and Critical Medicine Vice President of Peking University First Hospital (PUFH), Director of Department of Internal Medicine
23	Jennifer Ann M. Wi, MD, FPCP, FPCCP, FCCP, FAPSR	Asia Pacific Society of Respirology TB Assembly Head-Elect Past President, Philippine College of Chest Physicians Professor, Department of Medicine, Lyceum Northwestern FQ Duque College of Medicine
24	Erlina Burhan, MD, PhD	Department of Pulmonology and Respiratory Medicine Faculty of Medicine, Universitas Indonesia Persahabatan Hospital
25	Christopher Gee, MBChB MSc FRCSEd (Tr&Orth) MFSTEd	Consultant Trauma and Orthopaedic Surgeon in Scotland, UK
26	Ly Le, PhD	School of Biotechnology, International University, Vietnam National University, Vietnam
27	Sapna Bamrah Morris, MD	Clinical Team Lead (former) CDC, COVID-19 Response CDC, Division of TB Elimination



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VDO Recording



CMO STUDIO





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LIVE STREAMING



COVID-19: The Global Health Challenges for the New Decade Virtual Conference

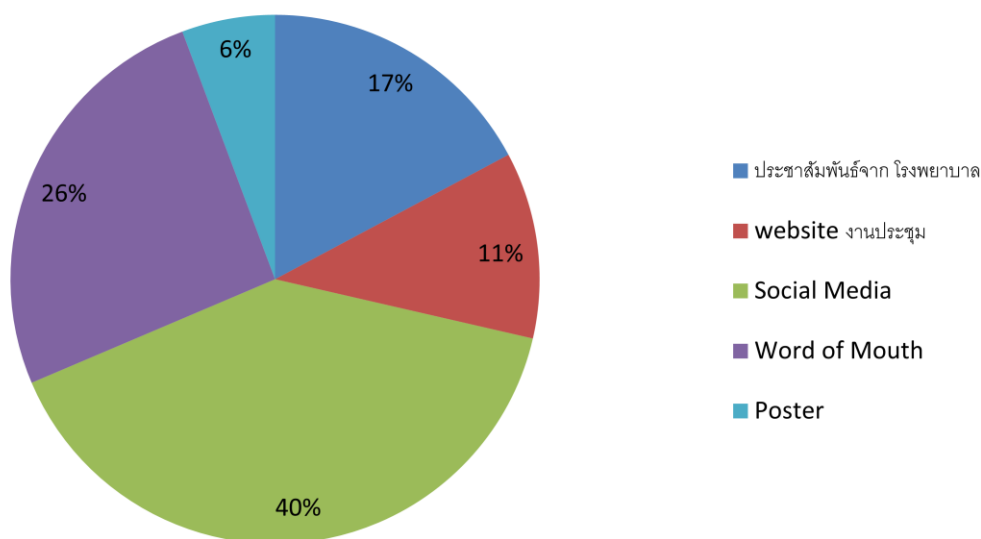
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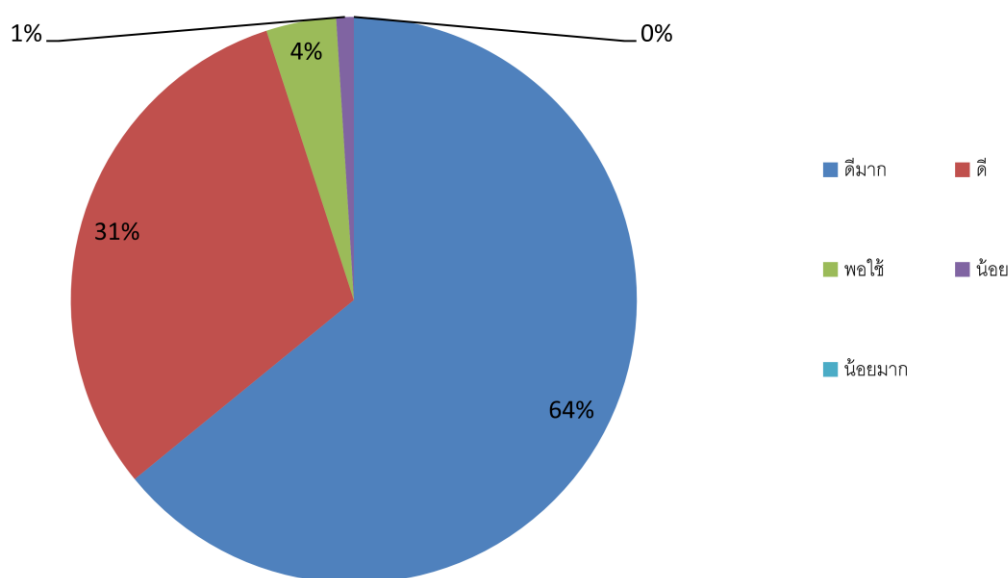


SURVEY

1. คุณรู้จักงานประชุม COVID-19: The Global Health Challenges for the New Decade (ภัยคุกคามในทศวรรษใหม่) ได้อย่างไร



2. คุณพึงพอใจกับภาพรวมของโปรแกรมการบรรยายมากน้อยเพียงใด



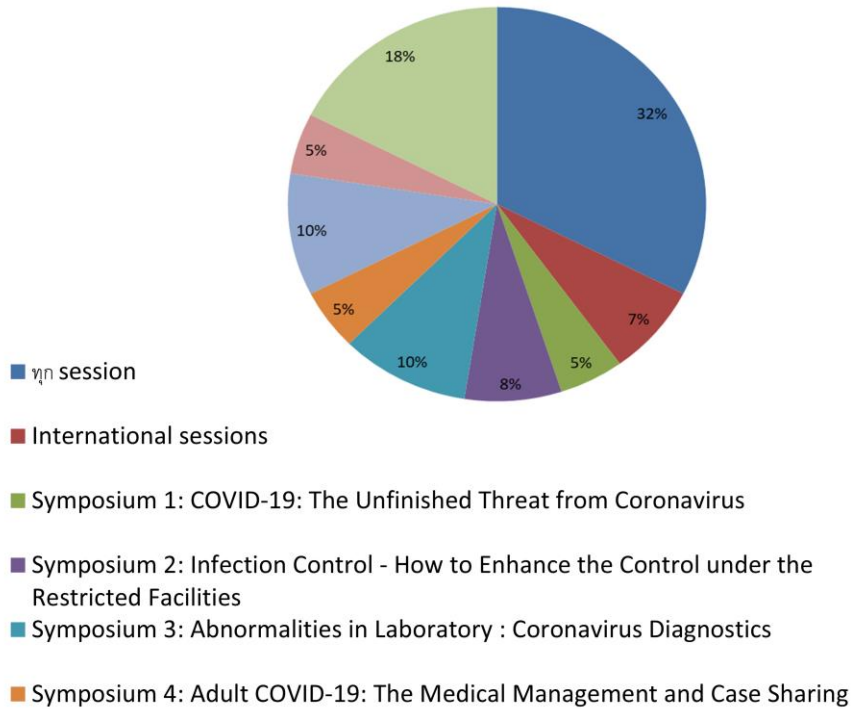


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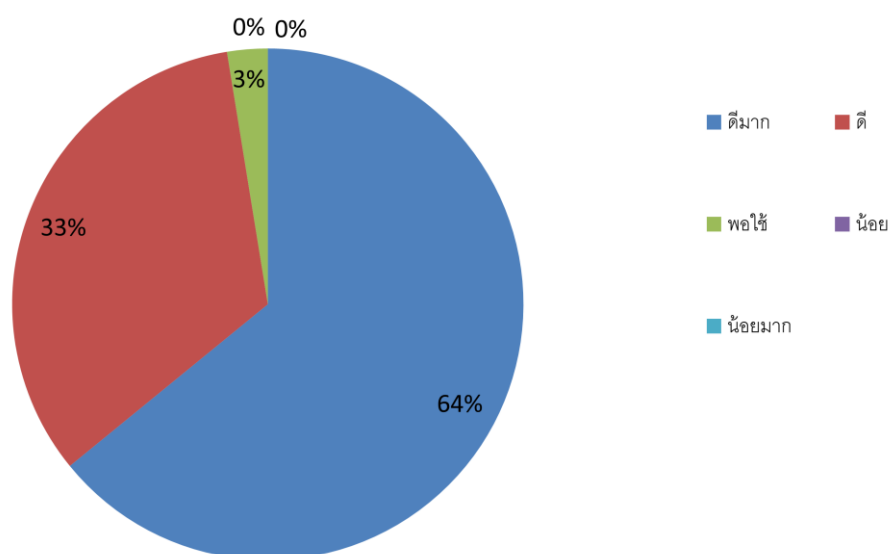


SURVEY

3. คุณเข้าร่วมฟังหัวข้อการบรรยายหัวข้อใดบ้าง



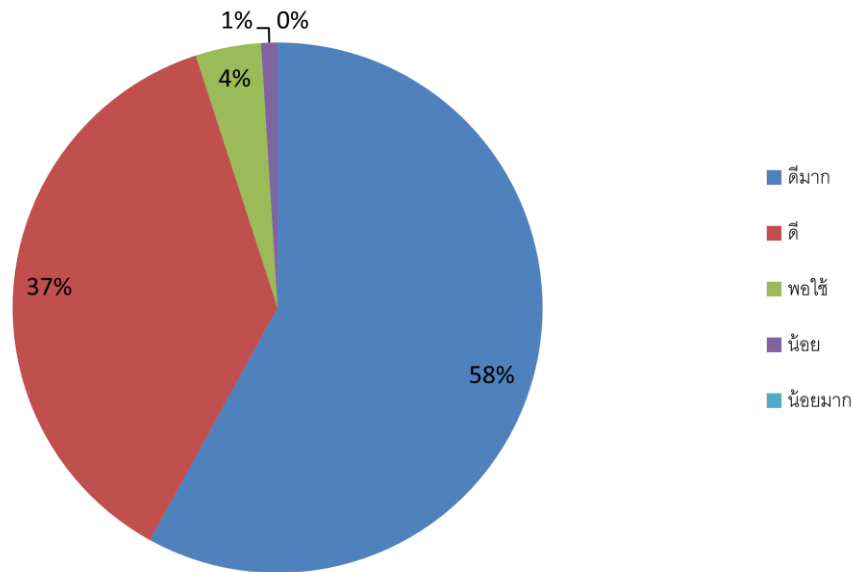
4. คุณพึงพอใจกับระบบการลงทะเบียนมากน้อยเพียงใด



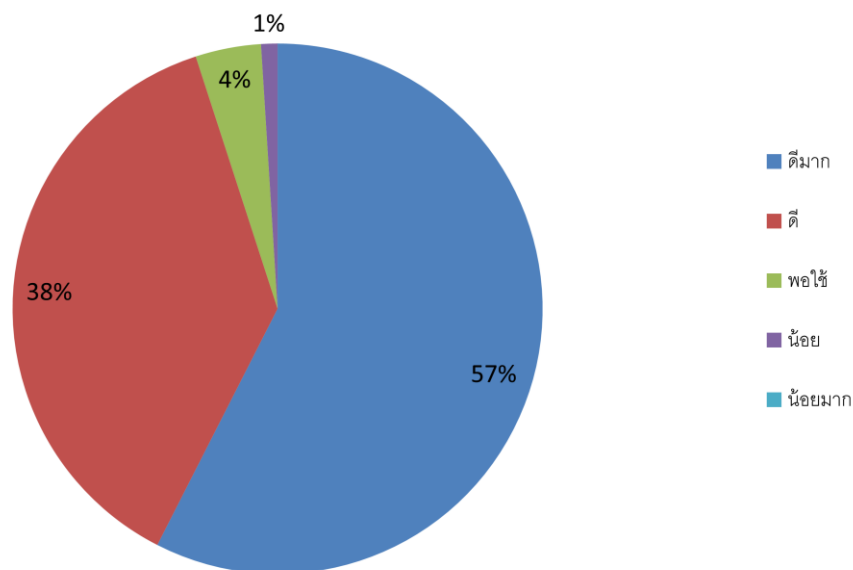


SURVEY

5. คุณพึงพอใจกับระบบการประชุมเสมือนจริงครั้งนี้มากน้อยเพียงใด



6. คุณพึงพอใจกับภาพรวมของการประชุมมากน้อยเพียงใด





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SURVEY

7. หัวข้อการบรรยายใดหรือวิทยากรท่านใดที่ท่านสนใจ อยากให้มาบรรยายในการประชุมโควิด-19 เสมือนจริง ครั้งถัดไป

Topic

- Vaccine
- Lab
- International Session
- Treatment
- ทุกหัวข้อ
- หัวข้อที่เกี่ยวกับสังคมและเศรษฐกิจ
- อัปเดตข้อมูลเกี่ยวกับโควิด 19

วิทยากร

- วิทยากรทุกท่าน
- ผศ. นพ. พจน์ อินทลาภาพร
- ศ. พญ. ศศิโสภิต เกียรติบุญญกุล
- ศ.นพ.เกียรติ รักรัษฎธรรม
- ศ.นพ.ยง ภู่วรวรรณ

8. ข้อเสนอแนะ

- อยากให้จัดอีก
- Slide เล็กไป
- อยากให้ปรับเวลาเป็น work hour
- Internet/Network บางครั้งทำให้ภาพไม่ชัด เสียงเบา