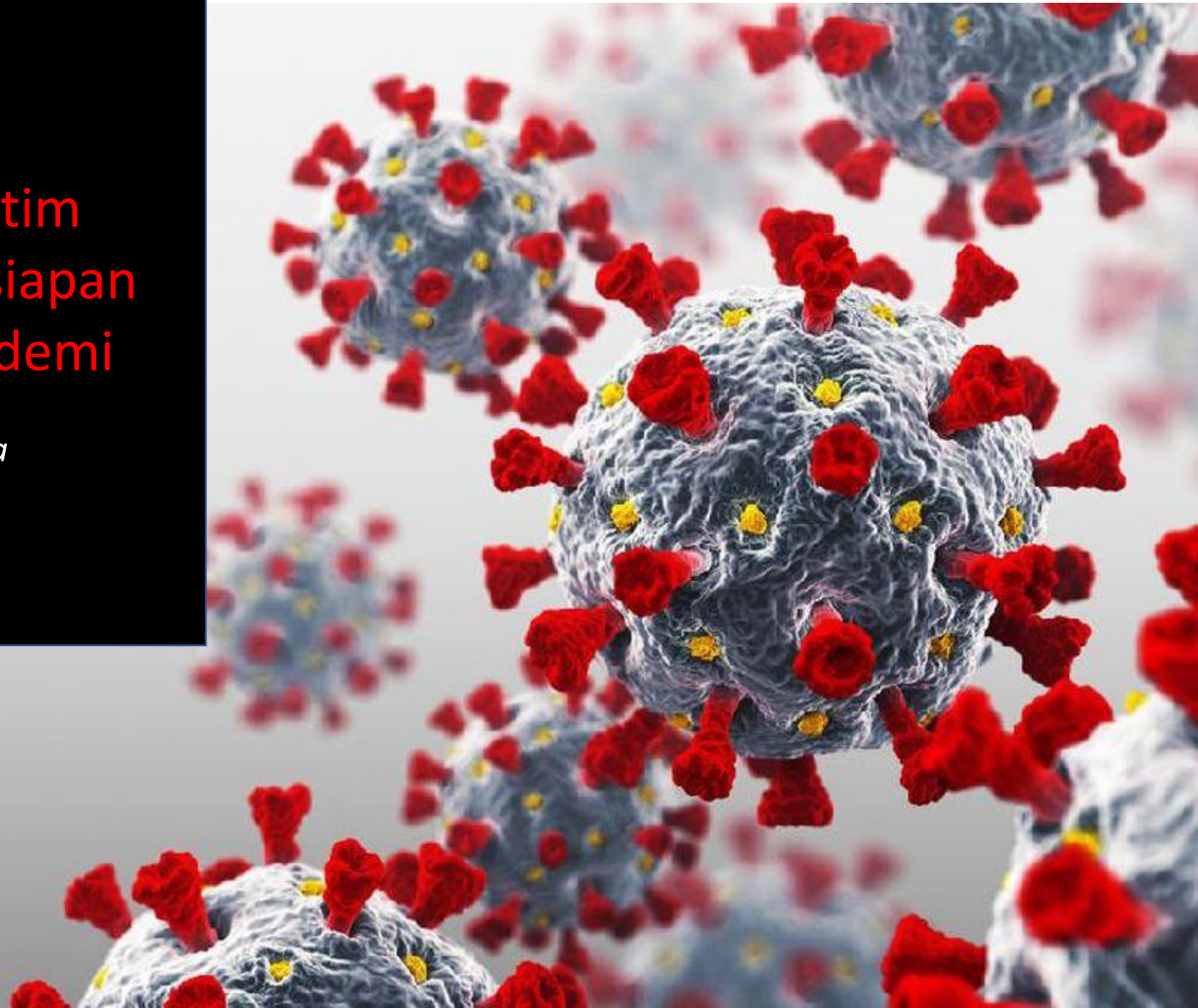


Transformasi sistim  
kesehatan dan kesiapan  
menghadapi pandemi

*Yodi Mahendradhata*



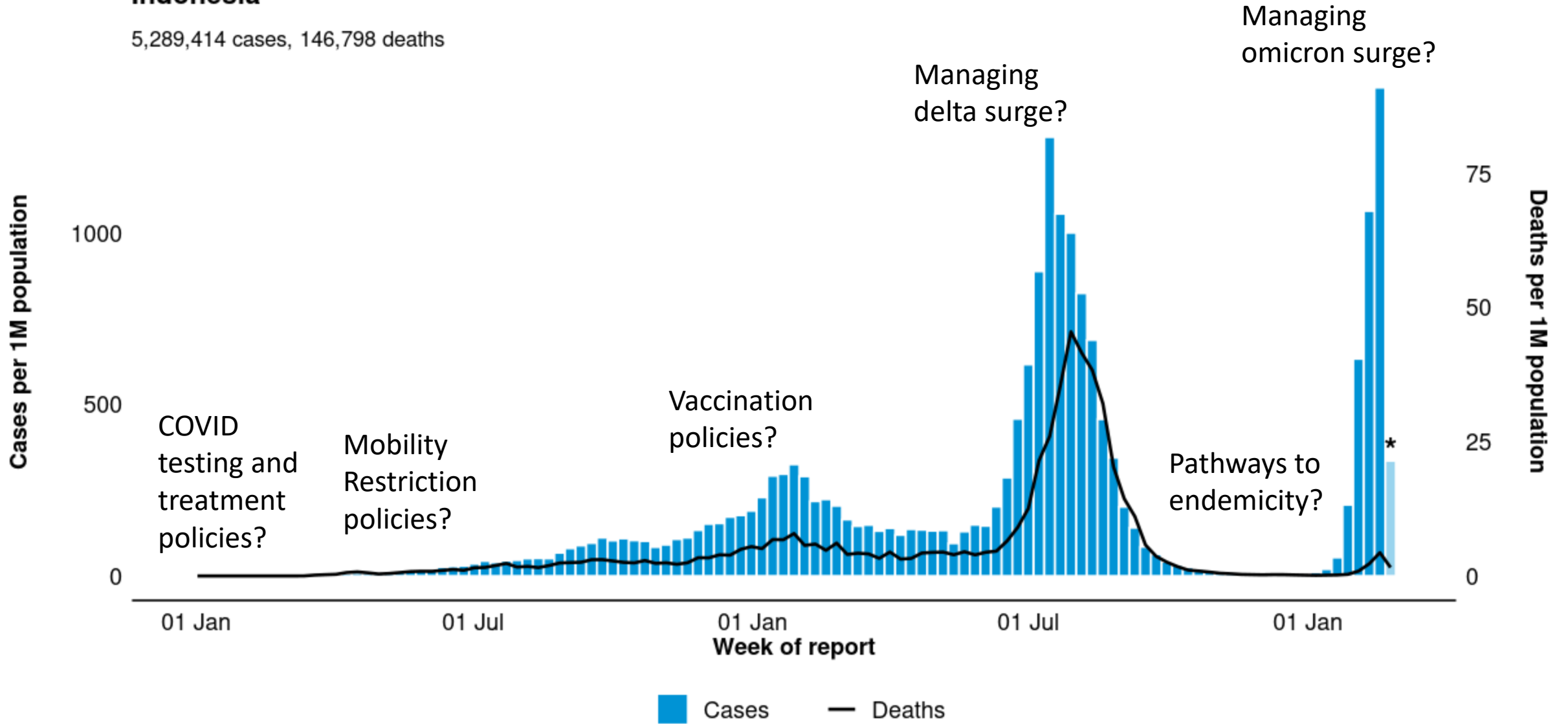
“Transform or perish...”

“Kita hidup di era  
pandemi...”

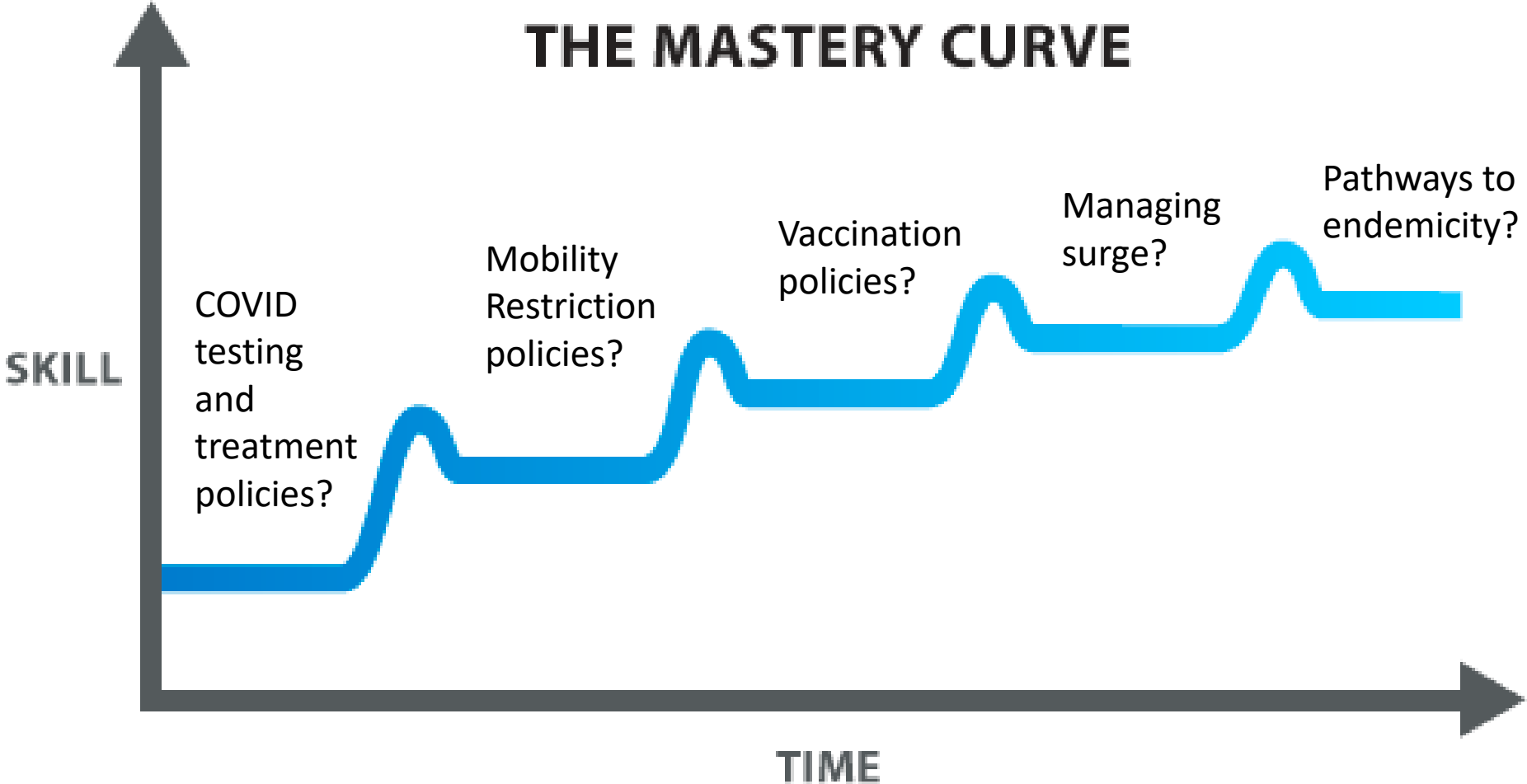
G20 High Level Independent Panel (2021)

# Indonesia

5,289,414 cases, 146,798 deaths



# THE MASTERY CURVE



Adapted from the book "Mastery" by George Leonard.

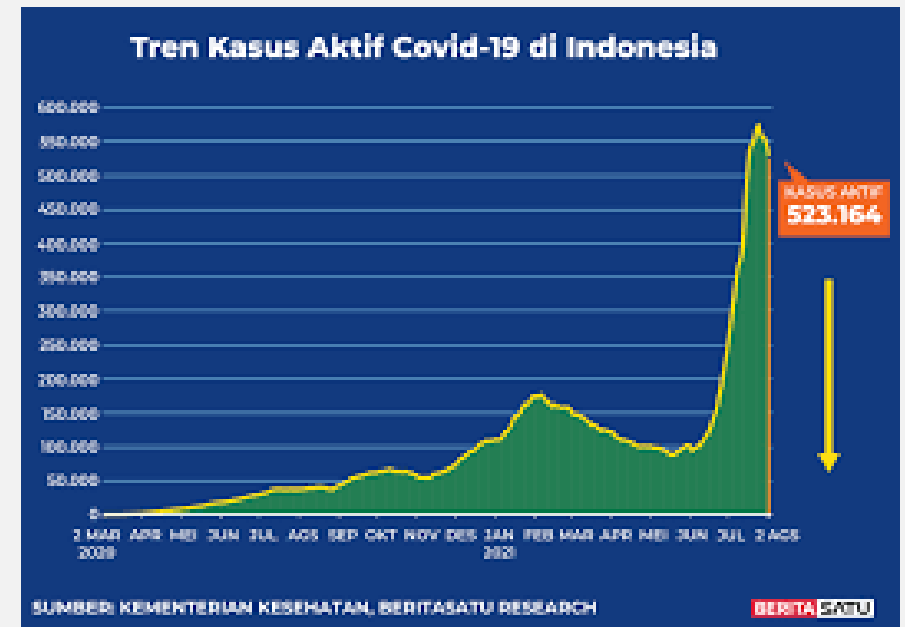
“Semuanya dimulai dengan surveilans yang lebih pintar. Apabila kita tidak mencari, kita tidak bisa menemukan. Apabila kita tidak menemukan, maka respon kita akan selalu terlalu terlambat”

Jeremy Farrar (2021)



“Kita mengerjakan perhitungan matematika yang canggih dengan menggunakan data yang buruk”

Jennifer Nuzzo (2021)



“Pseudo-akademisasi teori-teori konspirasi masih pada tahap awal – dan akan semakin parah pada saat pandemi berikutnya”

Nahid Bhadelia (2021)



**TRUST**

“Semua menganggap (kesetaraan) penting, tapi terlalu sulit untuk diupayakan. Kita tidak akan bisa mengatasi COVID-19 tanpa mengedepankan kesetaraan”

Jennifer Nuzzo (2021)



“Pandemi menggarisbawahi tantangan SDM Kesehatan yang sudah lama dihadapi sistim kesehatan kita. Pandemi menguak rapuhnya rantai pasok suplai medis....infrastruktur pelayanan kesehatan kita tidak memadai untuk menghadapi lonjakan kasus COVID-19

Mahendradhata et al (2021)



“Kita menghadapi tantangan luar biasa untuk mengupayakan akses terhadap obat-obat esensial dan komoditas-komoditas kesehatan lain. Kekurangan obat, penimbunan obat dan suplai, dan sirkulasi produk kesehatan palsu memperparah krisis kesehatan global ini”

Kohler & Mackey (2020)



# PEMBELAJARAN DARI PANDEMI COVID-19\*

Penguatan  
surveilans dan  
implementasi One  
Health

Pengambilan  
keputusan  
berbasis  
data/bukti

Membangun  
kapasitas  
komunikasi dan  
kepercayaan

Mewujudkan  
Keadilan dalam  
kesehatan

Resiliensi dan  
keberlanjutan  
sistim pelayanan  
kesehatan

Kemandirian obat,  
vaksin dan alat  
kesehatan

\*Ref: Maxmen (2021)

“COVID19 has inflicted devastating health and economic costs, but also created a once-in-a-generation chance for transformational health system changes”

World Bank (2021)

G20 PRESIDENCY OF INDONESIA

**RECOVER TOGETHER  
RECOVER STRONGER**



“Mencegah pandemi sepertinya tidak mungkin, sehingga kesiapan menjadi kunci...”

Youngmee Jee (2020)



## The Capacity of the Indonesian Healthcare System to Respond to COVID-19

Yodi Mahendradhata<sup>1\*</sup>, Ni Luh Putu Eka Andayani<sup>1</sup>, Eva Tirtabayu Hasri<sup>1</sup>, Mohammad Dzulfikar Arifi<sup>2</sup>, Renova Glorya Montesori Siahaan<sup>2</sup>, Dewi Amila Solikha<sup>2</sup> and Pungkas Bahjuri Ali<sup>2</sup>

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The Indonesian Government has issued various policies to fight Coronavirus Disease (COVID-19). However, cases have continued to fluctuate over a year into the pandemic. There is a need to assess the country's healthcare system's capacity to absorb and accommodate the varying healthcare demands. We reviewed the current capacity of Indonesia's healthcare system to respond to COVID-19 based on the four essential elements of surge capacity: staff, stuff, structure, and system. Currently available medical staffs are insufficient to deal with potentially increasing demands as the pandemic highlighted the human resources challenges the healthcare system has been struggling with. The pandemic has exposed the fragility of medical supply chains. Surges in the number of patients requiring hospitalization have led to depleted medical supplies. The existing healthcare infrastructure is still inadequate to deal with the rise of COVID-19 cases, which has also exposed the limited capacity of the healthcare infrastructure to manage medical waste. The COVID-19 pandemic has further exposed the weakness of the patient referral system and the limited capacity of the healthcare system to deliver essential health services under prolonged emergencies. The Indonesian Government needs to ramp up the country's healthcare capacity. A wide range of strategies has been proposed to address those mounting challenges. Notwithstanding, the challenges of increasing healthcare capacity highlight that such efforts could represent only one part of the pandemic response equation. Effective pandemic response ultimately requires governments' commitment to increase healthcare capacity and flatten the curve concurrently.

**Keywords:** COVID-19, pandemic, Indonesia, healthcare, surge capacity

## INTRODUCTION

The Coronavirus Disease (COVID-19) pandemic has been an unprecedented test of healthcare systems worldwide, especially in low- and middle-income countries (1). There have been 160,813,869 confirmed cases of COVID-19 globally reported by WHO as of May 14, 2021 (2). COVID-19 has escalated demands for screening and testing suspected cases, contact tracing and isolation of cases, and managing severe cases in hospitals, including in intensive care units (ICUs)



# Asia Pacific Observatory on Health Systems and Policies

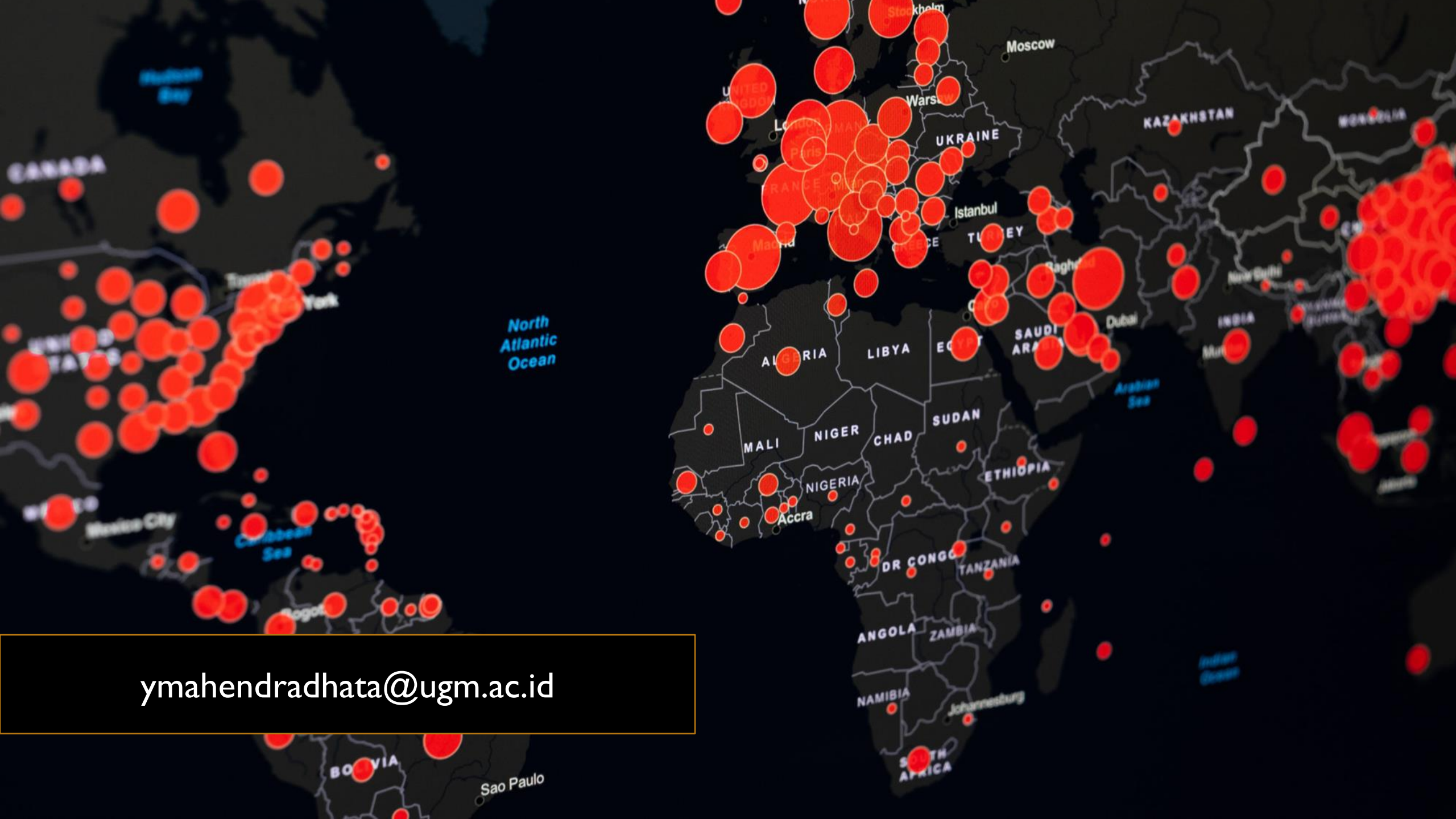
## COVID-19 Health System Response Monitor

Republic of Indonesia

September 2021



Referensi lebih lanjut...



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