### USAID MEDICINES, TECHNOLOGIES, AND PHARMACEUTICAL SERVICES (MTaPS) PROGRAM

Improved Access. Improved Services. Better Health Outcomes.

Approaches and Tools for Strengthening Pharmaceutical Systems

# Faculty of Pharmacy, Mahidol University Thailand



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## Who We Are- Overview of Faculty of Pharmacy, Mahidol University

- The Faculty of Pharmacy, Mahidol University (MUPY) was established in 1968. With over 50-year of operations, MUPY has been playing instrumental roles in advancing the healthcare system and related business of Thailand both in the public and private sectors.
- MUPY staff from social and administrative pharmacy division have been working as the core team for the Mahidol University – Health Technology Assessment (MU-HTA) Programs since 2016.
- The mission of MU-HTA programs is to build up social and intellectual capital on HTA for Low- and Middle-Income countries to support priority setting in achieving Universal Health Coverage (UHC).





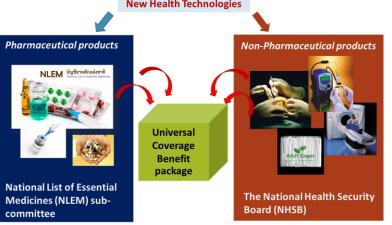


## What We Do - In Pharmaceutical Systems Strengthening (PSS)

- Involved as the key developers for Health Technology Assessment (HTA) infrastructure in Thailand including: the Thai HTA guidelines (methodology and process), Standard cost list, the societal willingness-to-pay in Thailand, the Thai version of EQ-5D-3L & EQ-5D-5L, Development process of the Thai universal coverage health benefit package (for non-pharmaceutical products), and Priority setting of vaccine introduction.
- Generating HTA evidence under lots of research projects for supporting the national Universal Health Coverage decisions for health interventions (including pharmaceutical and non-pharmaceutical products).
- Analyzing the feasibility and the readiness of the Thai hospitals for introducing automated IV admixture solutions.
- Involving in the Vaccine Economics and in the One Health Economics international network.
- Providing (virtual & onsite) workshops on HTA for the National Health Insurance Agency of Nigeria & Ghana.





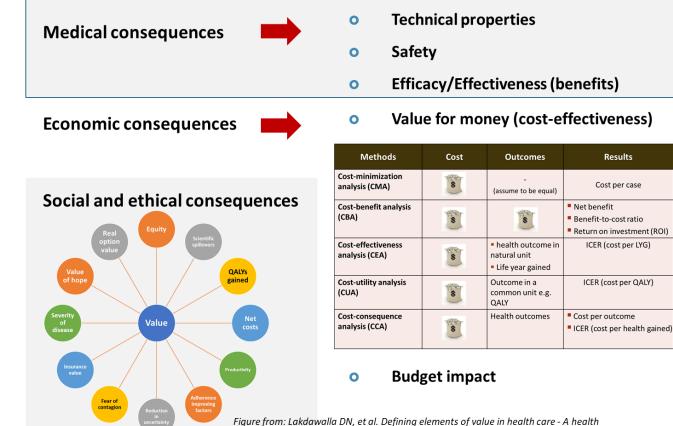


### Particular PSS Gaps We See

- Horizon scanning and health technology re-assessment in the disruptive world to improve the accessibility to (necessary) medicines and healthcare services.
- Co-dependent health technologies or combination & multiple indication therapies bring challenges with value-based pricing and budget impact.
- Unknow current situation and unpredictable for the real situation constraints cause challenges of resource allocation and government's investment on automated system for pharmaceutical services.

## Tools and Approaches We Use

#### Health Technology Assessment (HTA)



economics approach: An ISPOR Special Task Force Report. Value Health 2018. 131-9.

- Health Technology Assessment (HTA) This assessment is conducted by interdisciplinary groups using explicit analytical frameworks, drawing on clinical, epidemiological, health economic, social, ethical issues, and other information and methodologies.
- Equity involved in the assessment
- One Health Economics
- System thinking



#### Resources



- https://hta-program.mahidol.ac.th/
- https://pharmacy.mahidol.ac.th/grad/seap/main.php
- Contact email: sitaporn.you@mahidol.edu

THANK YOU!

