



Connecting Pharmacies.
Transforming Global Health.

Phoebe Jane C. Elizaga, RN
Head of Public Sector and Policy

Public health connects us all.



Tech Advancement in Healthcare



EHR/EMR



Mobile Health



Telehealth



IoT



Wearables



Pharmacogenomics

Philippine Healthcare Tech Innovation



DEPARTMENT OF HEALTH
PHILIPPINE HEALTH INSURANCE CORPORATION

JOINT ADMINISTRATIVE ORDER
No. 2016- 0003

SUBJECT: Adoption of the Philippine Health Information Exchange (PHIE) Lite

I. RATIONALE

The Department of Health (DOH) and the Philippine Health Insurance Corporation (PhilHealth) have used information and communication technologies (ICTs) to enhance the efficiency and productivity of their works and service delivery capabilities. Applications and information systems have been built to solve agency specific objectives and/or problems; however, these systems were not designed to communicate with each other and data collection is not harmonized. At present, health facilities are using two (2) systems which use differing technology platforms, solutions, and standards to satisfy the requirements of both agencies. At times, this poses a dilemma, especially when similar information and/or reports are needed to be submitted to both agencies, resulting to redundant and duplicate submission of the same sets of information. As such, the health sector, through the leadership of the DOH, recognized the need to harmonize both agencies' common business processes and employ an interoperability structure for their technical

At mClinica, we believe pharmacists and pharmacies are critical to public health.

Our Team

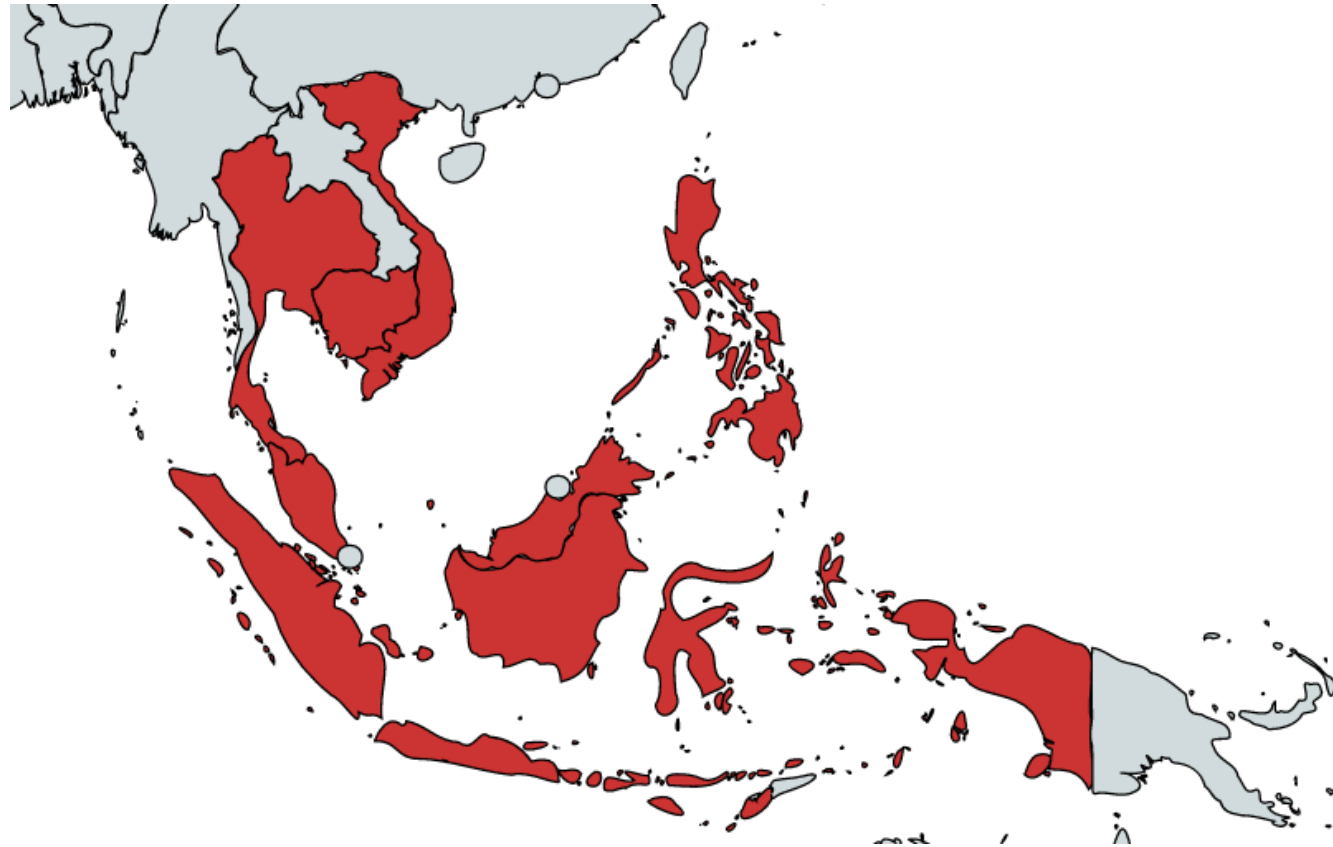


More than 20% of our team is a licensed pharmacist or pharmacy assistant.

We understand the challenges of pharmacy professionals and the opportunities for them to advance patient care.

Our Countries

We operate across southeast Asia - Indonesia, Philippines, Vietnam, Malaysia, Thailand and Cambodia.



Our Public Sector Network



Our Platform

Three connected mobile apps form our stack.



Consolidated Digital Channel Connecting 120,000 Pharmacy Professionals and their Pharmacies



Pharmacy-Driven Patient Programs Providing Discounts on Medicine Up To 40%



Pharmacy Monitoring and Prescription Data through Government Programs



Case Study: Public Health Data at Scale

Since 1969, these logbooks have been required.

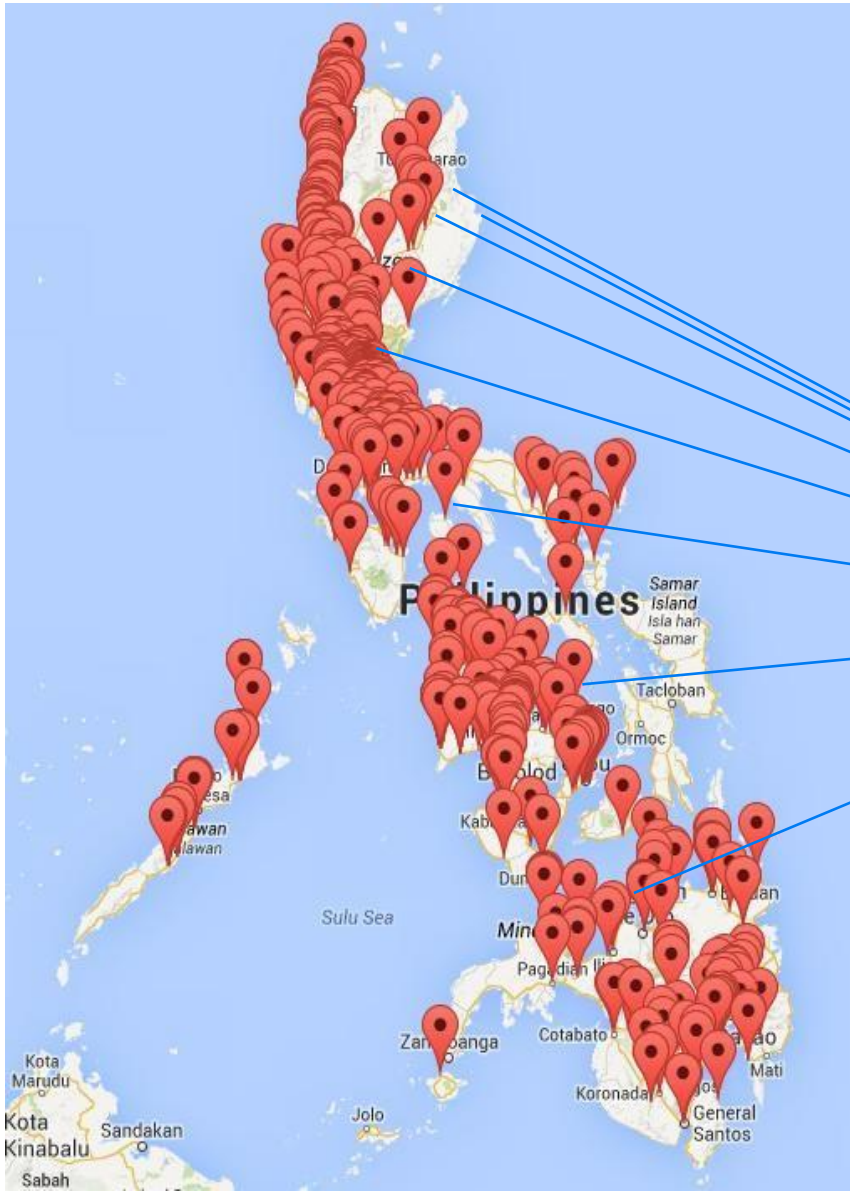


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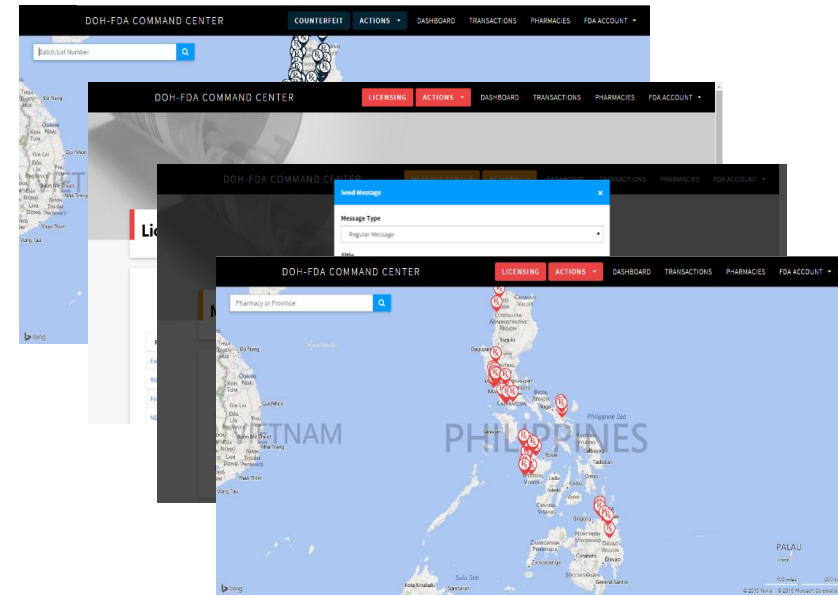








Mobile App for Pharmacies



Command Center for the FDA

Using the eDSS, we have provided new insights on Tuberculosis and Antimicrobial Resistance

Research Highlights from the Philippines Study

AMR

- 77% of the patients buy antibiotics in quantities less than 14
- 50% of the patients buy antibiotics in quantities ranging from 1-6, this is less than half of the standard prescribed dosing for antibiotics

TB

- 52% of the time, patients buy individual medicines (monotherapies) for TB instead of standard of care (combination therapies)
- 1 in every 2 patients buys less than 10 pills, 1 in every 3 patients only buys 1 pill per transaction which is highly sub therapeutic

A policy for public health

On June 27th, 2018, a policy was signed mandating the use of the Electronic Drug Safety System by pharmacies nationwide.



Rolling out nationwide this year



La Union



Cebu



Alabang

Regulatory Challenges



Republic Act No. 10918
(Philippine Pharmacy Act of 2016)



Republic Act No. 10173
(Data Privacy Act of 2012)



Strategy: Information
Dissemination about the New
Policy to Stakeholders

Strategies in Dealing with Regulation



Multisectoral
Collaboration



Capacity
Building



Government
Policy



Sustainability
Model

At mClinica, we believe that regulatory challenges are part of any healthcare innovation.

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We are just harmonizing together with stakeholders – to make it work in a matter of months, not decades.



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