

The eHealth Revolution: The Role of Partnerships

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Disclosures

- No financial interests in any technologies mentioned.
- The Asia eHealth Information Network was created by the World Health Organization to support national eHealth development.

Overview

- What is eHealth?
- How is eHealth revolutionizing healthcare?
- The challenges with eHealth
- The role of partnerships in promoting eHealth

Definition: eHealth



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Health topics

eHealth



eHealth is the use of information and communication technologies (ICT) for health.

Examples include treating patients, conducting research, educating the health workforce, tracking diseases and monitoring public health.

How is eHealth revolutionizing healthcare?

- Telehealth
- Telemedicine
- Personalized medicine

Telehealth

- Health care activities conducted by participants separated by distance
- Examples
 - eLearning
 - Delivering lectures online
 - Showing videos of common health procedures
 - Healthcare coordination
 - Scheduling of appointments
 - Preparation for clinic visit
 - Healthcare documentation
 - Recording vital signs into an electronic record
 - Monitoring the inventory of medicines in different clinics

Telemedicine

- The practice of medicine over a distance
- Examples
 - Tele-consultation
 - Patient-doctor interaction when they separated by distance
 - Tele-referral
 - Discussions on a specific case by healthcare professionals over a distance
 - Teleradiology, teledermatology, telepathology

Personalized Medicine: My eHealth Story

- Two consecutive impaired blood glucose levels (January 2013, June 2013)
- 95kg (overweight)
- Started using MyFitnessPal (a calorie counter), UP activity tracker (bracelet), and Runkeeper (exercise diary)



Mobile Apps for Health

23:07 0.45K/s 15%

myfitnesspal

Today

Calories Remaining

2,040 - 827 + 200 = **1,413**

Goal Food Exercise Remaining

DAILY SUMMARY

	Total	Goal	Left
Fat	31	75	44g
Saturated	2	25	23g
Polyunsaturated	4	0	-4g
Monounsaturated	10	0	10g
Trans	0	0	0g

Ads by Google Ad covers the page Report this ad

23:12 11.9K/s 14%

Sunday Morning Run

September 13, 2015 5:30 AM

Kilometers 10.00

Duration 1:21:02

Avg min/km 8:06

Calories 744

Your first 8-12 km run!
Compare your 8-12 km workouts

Write a comment POST

The map shows a red route starting at the University of the Philippines Diliman, passing through Osmeña Avenue, Roxas Avenue, and P. Velasquez Street, ending near the National Science Complex. Mile markers are shown at 1 km intervals from 1 to 9 km.

Outcome

- I lost 12 kilograms (26 pounds) over 6 months
- Blood sugar now within normal limits
- Feel better, not easily tired

Personalized Medicine: Coming Soon

- I can be informed of activities that can promote better health (promotive).
- I can be informed of any health risks before they happen (preventive).
- I can be matched to the right doctor and facility who can treat my diseases. My medicines will be customized to treat my conditions with no or minimal side effects (curative).
- I can be monitored at home while recuperating (rehabilitative).

Challenges with eHealth

- Crosses multiple sectors (health, ICT, education, private, regulation, etc)
- Involves stakeholders with competing agenda
 - Providers want to earn
 - Pharmaceuticals want to sell more
 - Patients want high quality care
 - PhilHealth wants to pay only for necessary services
- Relies on robust infrastructure
- Fragmented health system

Asia eHealth Information Network

- Created by the World Health Organization to support countries with their national eHealth strategies
- Started with 7 people from 6 countries and has now grown to more than 500 members in 21 countries
- Leverages peer support and network learning
- Conducts conferences and meetings to enable knowledge sharing and resource sharing

What can we do to support eHealth?

- 1) ICTen
- 2) Partnerships

ICTen

WHO-ADB-AeHIN 10-actions to take to
support ICT for Universal Health
Coverage
(December 2014)

bit.ly/whoadbaehinicten

bit.ly/whoadbaehinicten



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Public

iCTen!

UHC with ICT conference, 2-3 Dec, 2014- Recommendations with Quick Wins' to propose the 'iCTen' call for action (Interventions with Impacts for Informing ADB/WHO Policy Brief)

by Susann Roth on 18 August 2015 • 473 ♥2 Tweet 10

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Transcript of iCTen!

TAKE
ACTION!
iC
Ten

More presentations by Susann Roth

Copy of iCTen!



UHC with ICT conference, 2-3 Dec, 2014- Recommendations with Quick Wins' to propose the 'iCTen' call for action (Interventions with Impacts for Informing ADB/WHO Policy Brief)

Regional, Malasia and other Communi...

WHO-ADB-AeHIN's 10-point ICTen

1. Know your baseline

WHO-ADB-AeHIN's 10-point ICTen

2. Get everyone on board and bring your best team

WHO-ADB-AeHIN's 10-point ICTen

3. Adopt, adapt, or develop tools

WHO-ADB-AeHIN's 10-point ICTen

4. Commit to UHC, commit to integrated ICT systems!

WHO-ADB-AeHIN's 10-point ICTen

5. Invest in unique ID schemes and link CRVS and UHC

WHO-ADB-AeHIN's 10-point ICTen

6. Build institutional readiness and a skilled workforce

WHO-ADB-AeHIN's 10-point ICTen

7. Keep data safe and secure

WHO-ADB-AeHIN's 10-point ICTen

8. Get concrete. Have an implementation plan with quick successes

WHO-ADB-AeHIN's 10-point ICTen

9. Plan for sustainable financing mechanisms from the start

WHO-ADB-AeHIN's 10-point ICTen

Partnerships

- “an association of two or more people”
- synonyms
 - Collaboration
 - Cooperation
 - Teamwork

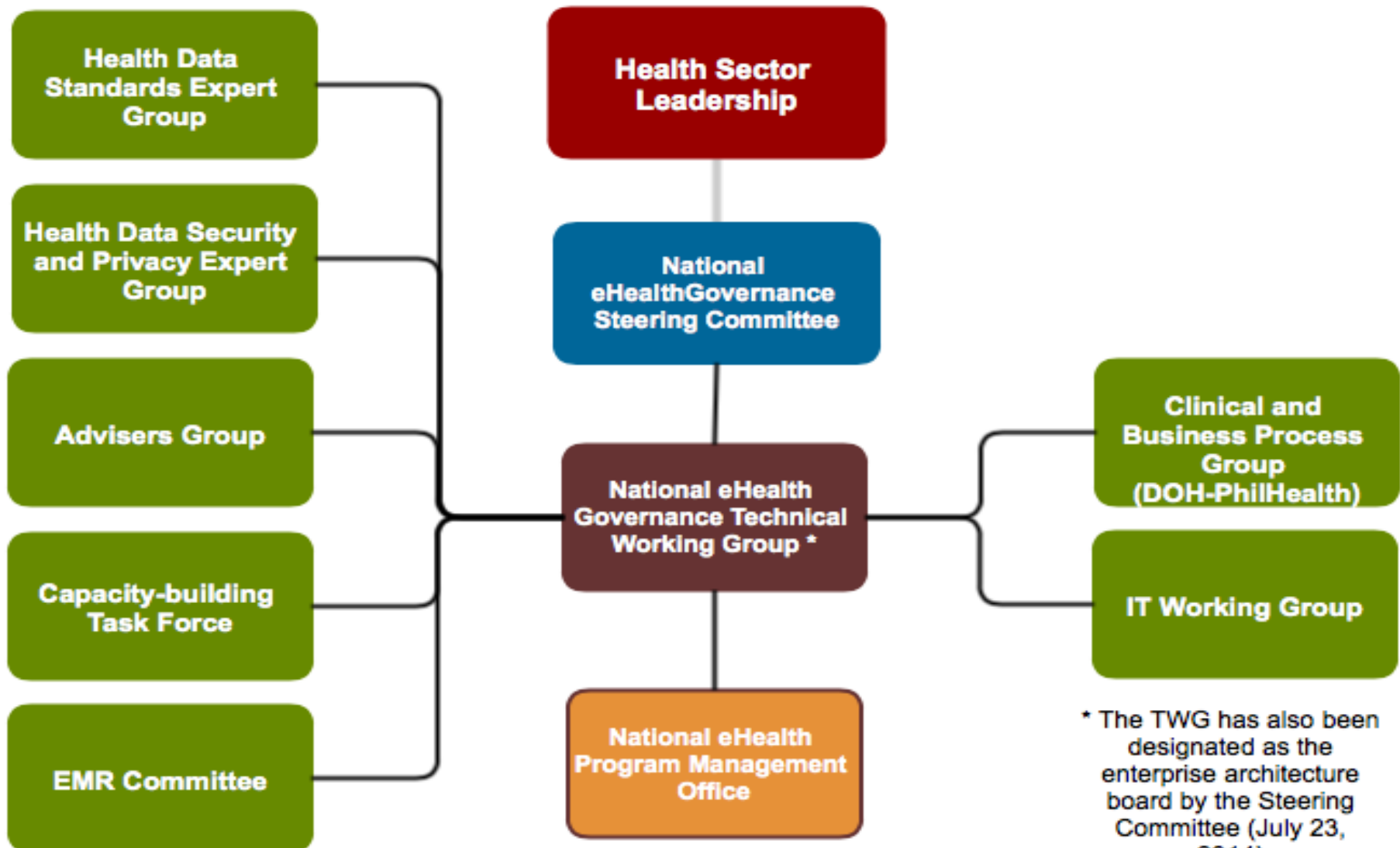
Partnerships for eHealth

- A logical approach since the multi-sector nature of eHealth requires connecting stakeholders
- Serves to bridge the fragments/silos of the health system (through information)

Key Partnerships on eHealth

- The National eHealth Steering Committee and TWG
- The ICT4Health Expanded Consultative Group
- The Philippine Medical Informatics Society
- The Asia eHealth Information Network

National eHealth Steering Committee and TWG



eHealth National Governance³²







Steering Committee

Amending Joint DOH-DOST Department Memo No. 2013-0200a on July 2014

Sec. Janet L. Garin
Sec. Mario Montejo
USec. Louis Casambre
ASec. Gerardo Bayugo
Dr. Jaime Montoya
Atty. Alexander A. Padilla
Dr. Carmencita D. Padilla
Dr. Patricia Licuanan
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Asec. Denis Villorente

Consultants/Advisers to the SComm

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Summary

- Our current health system is fragmented and multi-sectoral
- ICT, if used correctly, can integrate our health system
- Because of health system's complex nature, governance plays a major role in ensuring that the ICT investments are directed towards delivering clear benefits to the people and the stakeholders

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