

The Future of Healthcare Interoperability in the Philippines

February 21, 2018

9:00 a.m. - 12:00 n.n.

UP Manila Social Hall, 8th Flr. LCB

Introduction

eHealth is defined by the WHO (2012) as the use of information and communications technology in health. Essentially, it improves the flow of information to support the delivery of quality health services and effective management of health systems.

Over the years, different agencies, government and private entities alike, developed and implemented various siloed health information systems due to lack of sector-wide standard on interoperability. Without a defined standard of integration, patient's health care experience may become fragmented. Fragmentation, in effect, results in errors, duplication, and lack of coordination among others.

Compelled by these realities, organizations such as the Health Level Seven (HL7) International was founded to set up standards for the electronic exchange of clinical, financial, and administrative information among independent healthcare oriented computer systems.¹ HL7 is a set of standards, formats and definitions for exchanging and developing electronic health records (EHR).²

Through this research forum we plan to showcase our work on HL7 standard and the the myriad of opportunities it can create for consistent and accurate collection and exchange of health information across health systems and services.

Forum Objectives

The research forum aims to:

1. Present an overview of interoperability and the HL7 as a standard for exchanging information between health applications.
2. Discuss the clinical and technical components of HL7.
3. Present NTHCs HL7 work with the Standards and Interoperability Lab in Asia (SIL-A).

¹ Khosrow-Pour, M. (1999). *Managing information technology resources in organizations in the next millennium*. Information Science Reference.

² Benson, T. (2010). *Principles of health interoperability HL7 and SNOMED* (p. 263). London:: Springer.

Proposed Program of Activities

Time	Activity	Speaker/Facilitator
9:00 - 9:30	Registration	NTHC staff
9:30 - 9:45	Opening rites	NTHC staff
9:45 - 10:00	Welcome remarks and overview of the research forum	Eva Maria Cutiongco-Dela Paz, MD, FPPS <i>Vice-Chancellor for Research and Development & NIH Executive Director</i>
10:00 - 10:15	Overview of Healthcare Interoperability and the HL7 Standard	Michael Hussin B. Muin, MD President, HL7 Philippines
10:15 - 10:30	Components of HL7 Standard	Philip Christian Zuniga, MS Assistant Professor V, UP Diliman
10:30 - 10:45	HL7 in Action: Promises and Realities of HL7 implementation in Southeast Asia	Raymond Francis R. Sarmiento, MD Director, NTHC
10:45 - 11:00	Reactor	Representative from DOH KMITS or PhilHealth
11:00 - 11:15	Synthesis	Iris Thiele Isip-Tan, MD, MSc Chair, Medical Infomatics Unit UP College of Medicine
11:15 - 11:30	Open Forum	Jinky Leilanie Lu, MOH, PhD Research Faculty and Professor, NTHC
11:30 - 12:00	Closing remarks, group photo opportunity	

Jinky Leilanie Lu, MOH, PhD
Moderator