

APAMI MIC2003 Oct. 2003, Daegu, Korea

APAMI WG HI Standardization

Yun Sik Kwak,MD,PhD

Dept Med Info,Kyungpook Nat'l Univ Sch Med

Daegu, Korea and

ISO TC 215

Need

There are some distinguishable differences in healthcare domain that are practiced in Asian countries as compared that in the Western countries. The major differences are as follows:

- The healthcare practice pattern and systems are different;**
- Language and character related issues that distinguish Asia from the Western countries; and**
- Traditional vocabularies used in healthcare in Asian countries which are based on the Ying and Yang philosophy.**

Therefore, regional initiatives are needed to take place in order to harmonize health informatics (HI) standards that are practicable and compatible in and out of the region.

Relationship and Impact of Other Existing Activities

IMIA WG 16, ISO/TC 215 and CEN/TC 251 activities deal with similar areas of interests and works, however, there is no apparent conflict between APAMI WG Std and ISO/TC 215 since APAMI WG Std will be dealing with Asia Pacific regional specific issues so that they shall be complimentary to each other. The CEN/TC 251 is effective only for EU territory. There is no similar activities currently being undertaken in Asia and Pacific region.

Scope

- **The APAMI WG Std shall generate list of existing and working HI standards (ISO and proposed APAMI WG Std member countries) for harmonization.**
- **The regional HI standards shall be defined and APAMI WG Std standardize applicable data structures and elements, information models and system architectures which make them easy to localize HI within member countries and furthermore, HI shall be able to be shared internationally.**
- **The initial work items shall be in the areas of but not limited to healthcards, vocabulary, messaging and communications and electronic medical records.**

Logistics

- **There are several possible ways to organize and operate this initiative as shown below:**
 - **Governments or MI Association of participating member countries support this APAMI WG Std ;**
 - **APAMI supports APAMI WG Std ; and**
 - **Participating members from each country voluntarily donate time and space for the activities initially.**

Proposed Member Countries

- **Any member of APAMI member organizations can be represented as the member and donate experts time voluntarily.**
- **Charter/Founding Members : who participate in initial meeting to organize and set scopes, and rules, etc.**

Proposed Working Items

Electronic Medical Record

Messaging and Communication

Healthcards

Vocabulary

Character

Expected Outcome

- **The outcome of this initiative will promote Asia/Pacific HI industry to take a strong posture in the international market.**
- **This will stimulate growth and implementation of HI within the healthcare systems in Asia/Pacific countries.**
- **This will stimulate and promote education of HI specialists in the region so that it further stimulates the growth of HI within the region.**