

**The Fifth WHO-FIC Asia-Pacific Network Meeting
Tokyo, 4-6, Dec.2010**

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**Academic Activities collaborating
with WHO-FIC and IFHRO
in Korea**

2010. 12. 5

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Korean Medical Record Association

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- **Activities on Mortality coding exam**
- **Activities on morbidity coding exam**
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- **Mission and Roles of APN**

WHO-FIC, IFHRO Joint Collaboration

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<http://www.ifhro.org/whofic.php>



- **WHO-FIC-IFHRO Joint Collaboration have been working for this program since 2000.**
- **Purposes**
 - ▣ **To promote the production of internationally comparable high quality, consistent and timely coded health data**
 - ▣ **To retain practicing coders and increase the international coder workforce with well-trained coders**

KMRA Key persons

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Pilot test for Mortality Coding Exam

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- **Pilot test for mortality coder/trainer**
 - **2007-2009**
 - **In six countries: Korea, Canada, UK, US, Japan, Brazil**
 - **Candidates: Practicing coders with more than 2 years coding experience**
 - **Total number of certified coder/trainer by the pilot tests**
 - **Coder: 60**
 - **Coder/Trainer: 19**
- **Now trying to add more exam cases to the question bank for future exams**

Pass the pilot test for Mortality

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	Coder	Coder/Trainer
Canada	2	0
Korea	39	18
USA	15	1
England	4	0

Pilot test for Morbidity Coding Exam

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- **WHO-FIC-IFHRO JC reviewed the exploration for the last two years at the 2010 mid-year meeting and decided to go forward with the development of an exam.**
- **WHO-FIC-IFHRO JC was organized a subgroup to explore the feasibility of morbidity coding exam in 2010**

Process for Morbidity Coding Exam

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- **Conduct a survey**
 - ▣ **To obtain information about existing exams and certification systems for morbidity code rs**
 - ▣ **To collect coding questions**
- **Develop a pilot test**
- **Administer the pilot exam in Korea**

Survey results

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Attributes of the respondents

Number of respondents by 23 countries

- 2 each from **Canada** **Italy** **Indonesia**
Sweden **UK**
- 1 each from **Australia** **Brazil** **Denmark** **Germany**
Hungary **India** **Ireland** **Israel**
Jamaica **Japan** **Kenya** **Korea**
Nepal **Netherlands** **Philippines**
Singapore **US** **Venezuela**

Classification Systems

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□ Disease Classification

■ ICD-10		13
■ ICD-9-CM	5	
■ ICD-10-AM	2	
■ ICD-10 Modification	2	
■ ICD-10-CA	1	

□ Procedure classification

■ ICPM with modification	6	
■ ICD-9-CM	5	
■ Australian CHI (ACHI)	2	
■ Canadian CI(CCI)	1	
■ ICD-9-CM and ICPM	1	
■ ICD-9-CM and their own	1	
■ Other(own, Nomesco, none)	7	

Certifying Coding Exam

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Type of coding exam	Number of countries
Coder certification exam	5
As a part of HIM license/ registration exam	4
Other exam, e.g. coding course final exam	4
No exam	9
No answer	1
	23

Certification System

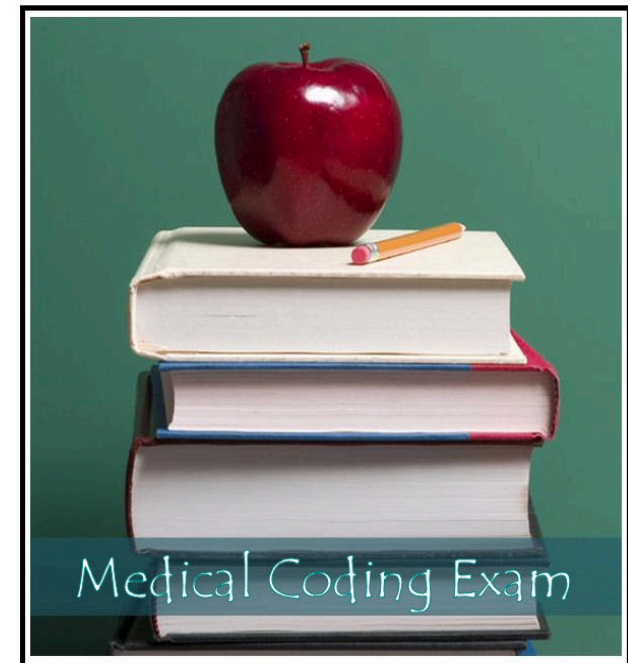
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- **Awarding certificate**
 - **10 countries: Canada, Indonesia, Israel
Japan, Kenya, Korea, Philippines
Singapore, UK, US**
- **Certificated issued by**
 - **Government: 5 countries**
 - **Association: 2 countries**
 - **Government and association: 2 countries**
 - **Five organizations: 1 country**

Three Step Process

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- **Conduct a survey**
- **Develop a pilot test**
- **Administer the pilot exam in Korea**



Morbidity Coding Pilot Test

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- From 12 countries, exam questions submitted

Canada	Germany	India	Indonesia
Israel	Jamaica	Japan	Kenya
Korea	Singapore	UK	Venezuela

- The questions for the pilot test were set
 - For 3 hours
 - Multiple choice question: 20 questions
 - Coding diagnosis question: 30 questions
 - Scenario: 10 short scenarios and 5 long scenarios
- Translated the questions into Korean

Morbidity Coding Pilot Test

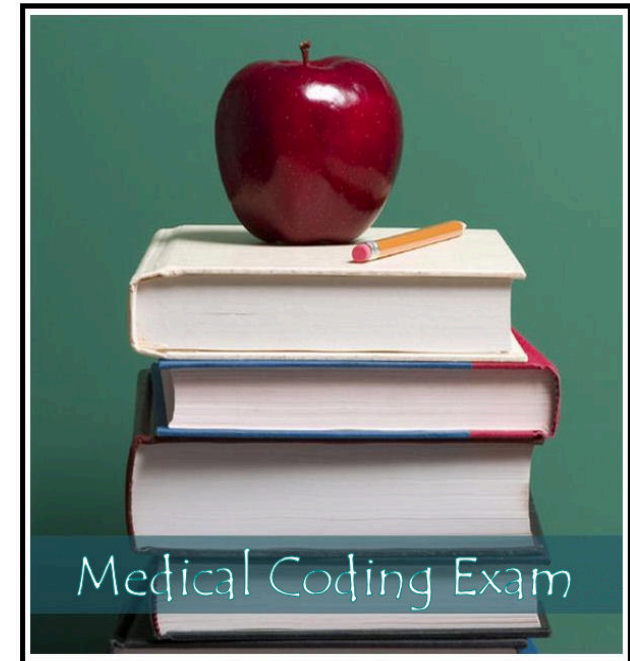
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- **Designed to test the competence of experienced coders**
 - Excluded questions considered too easy
- **The decision was made to have examinees demonstrate thorough knowledge of ICD-10 by using all applicable codes such as**
 - Morphology of neoplasms
 - 5th character codes
 - Optional codes

Three Step Process

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- **Conduct a survey**
- **Develop a pilot test**
- **Administer the pilot exam in Korea**



Morbidity Coding Pilot Test

Oct 2, 2010

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Lessons We Learned

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- ❑ **Different versions of ICD-10 are in use.**
- ❑ **Access to and implement the updated items needs improvement.**
- ❑ **Good documentation is essential – some questions submitted could not be used.**
- ❑ **Coders vary in how they interpret coding to .8 (other specified) or .9 (unspecified).**
- ❑ **Some coders are not familiar with external cause codes and U codes.**
- ❑ **It would be necessary to format how the answers to be recorded in long scenario questions**

Mission and Roles of APN

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- ❑ **Korea acted as a testing bed for the development of the international certification examination for morbidity and mortality.**
- ❑ **According to these activities, we have various experiences and lesson learned.**
- ❑ **Participate in the activities including Japan, China, Thailand and other countries.**
- ❑ **Developing the educational materials within APN.**
- ❑ **Sharing information about our experiences and lesson learned.**
- ❑ **We, Asia-Pacific Network leads WHO-FIC activities.**

감사합니다!

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