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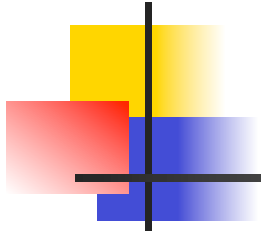
**UNU- International Institute For Global Health
(UNU-IIGH)**

**WHO-FIC Asia Pacific Network Meeting:
Report of Morbidity & Functioning Working
Group**

Syed Aljunid

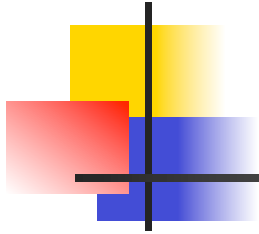
Professor of Health Economics and
Senior Research Fellow

UNU-International Institute For Global Health
Kuala Lumpur



OUTLINE

- Introduction
- Activities in 2008-2009
- Proposed Activities in 2010
- Recommendations



Introduction

- Morbidity Group
 - Formed during WHO-FIC Asia-Pacific Meeting in Kyoto, Japan on 10-11 September 2007
 - Chair: Dr Syed Aljunid
 - Deputy Chair: Dr Sowerta Kosen



Activities

- Mostly to related to use of coded morbidity data for policy and decision making
 - Case-mix system
- Capacity building on Morbidity Coding



Activities

- Implementation of Case-Mix System
 - Indonesia
 - Mongolia
 - Other developing countries
- International Centre for Case-Mix and Clinical Coding
- Development of Open Source Casemix Grouper
- Workshop on Distant Learning Programme for Coding and Case-mix
- Morbidity Reference Group Mid-Year Meeting in Sydney



Implementation of Case-Mix System in Indonesia-1

- Objective
 - Build capacities in implementation of case-mix system
 - Implement case-mix system in pilot hospitals
 - To utilise case-mix system for provider payment in Social Health Insurance for the Poor
 - Development of INA-DRG
- Pilot project in 15 Major Hospitals
 - Teaching/Provincial Hospitals
 - Completed in December 2008



Implementation of Case-Mix System in Indonesia-2

- Organisations
 - UNU-IIGH
 - Technical and Financial Support for development of INA-DRG
 - National University of Malaysia
 - Coding Training
 - Department of Health Indonesia
 - Financial Support for Training Programme
 - ASKES
 - Users of INA-DRG



Implementation of Case-Mix System in Indonesia-3

- Training Programme
 - Coders
 - Diagnosis and Procedure Coding
 - Clinicians and Nurses
 - Clinical Pathways
 - Hospital Managers/Financial Managers
 - Case-Mix Costing
- Extended to cover all public hospitals in Indonesia from September 2008
 - 850 public hospitals



Implementation of Case-Mix System in Indonesia - 4

- From January to August 2009
 - 4 Workshops each attended by 20 -25 Participants
 - Case-mix Tariff for Type A and Type B Hospitals
 - Case-mix Tariff for Psychiatric and Leprosy Hospitals
 - Case-mix Tariff Simulation Workshop
 - Case-Mix Coding and Claims Verification Workshop



Implementation of Case-Mix System in Mongolia-1

- Objective
 - Enhance local capacity to implement case-mix system
 - Refine locally developed Case-mix classification system: 22 Groups
 - Develop National tariff for National Health Insurance of Mongolia



Implementation of Case-Mix System in Mongolia-2

- Pilot Implementation in 5 Major Hospitals in Ulanbattar
 - State Central Hospital (544 Beds)
 - Shastin Central Hospital (400 Beds)
 - National Cancer Centre (170 Beds)
 - National Maternal and Child Research Centre (658 Beds)
 - National Trauma and Orthopaedics (420 Beds)



Implementation of Case-Mix System in Mongolia-2

- Organisations
 - Ministry of Health Mongolia
 - National Health Insurance Agency Mongolia
 - Asian Development Bank
 - United Nations University-IIGH
 - National University of Malaysia



Implementation of Case-Mix System in Mongolia-3

- Ten Training Workshops
 - Coding of Diagnosis-ICD 10
 - Coding of Procedures-ICD-9CM
 - Hospital Costing
 - Case-mix System
 - Development of National Tariff



Implementation of Case-Mix System in Mongolia-3

- Final Workshop
 - 9th -11th December 2008
 - Launching of Mongolian Refined DRGs (MnR-DRG)
 - 264 Case-mix group
 - For reimbursement under National Insurance Scheme



Open Source Case-mix Grouper

- To ensure access to low cost grouper
- To develop grouper that can be customised for individual country's need
- Reimbursement method in Social Insurance Schemes
- Supported by UNU-IIGH, UNU-IAS and ITCC
- Beta version is being tested now



International Centre for Case-Mix and Clinical Coding - ITCC

- Funded by UNU-IIGH and UKM
- Conducted series of training on Case-mix and Clinical Coding since June 2008
- Support implementation of case-mix in developing countries
- Short courses: 1 to 2 weeks
- In 2008: 250 participants attended training in the centre

4th International Case-Mix Conference (Kuala Lumpur)

22nd -23rd October 2009

www.casemix.my

4th INTERNATIONAL CASE-MIX CONFERENCE MALAYSIA 2009

Theme
"CASE-MIX FOR HEALTH CARE RESOURCE ALLOCATION"




Speakers:

Prof Odo Malinsz
President PCPS, Professor
National School of Public Health, Universidade Nova de Lisboa
Lisbon, Portugal

Prof Kathy Eagar
Director of the Centre for Health Service Development (CSHD)
University of Wollongong, NSW 2522, Australia

Dr Madeleine R. Valera
Sector Vice President for Health Finance Policy and Services Sector
Philippine Health Insurance Corporation
Philippines

Dr Ho Thai Son
Medical Services Administration, Ministry of Health
Vietnam

Tan Sri Datuk Seri Dr H. Mohd Ismail Merican
Director General of Health, Ministry of Health Malaysia

Prof Dato' Dr Syed Mohamed Aljunied
Professor of Health Economics & Consultant Public Health Medicine
Senior Research Fellow
United Nations University-International Institute of Global Health (IIGHI-IIGH)

Dr Lee Chien Eam
MCH (Singapore)

Dr Abdul Rahim Abukhalid
MCH Malaysia

Date:
22nd - 23rd October 2009
(Thursday and Friday)

Venue: Impiana Hotel
Jalan Pinang, Kuala Lumpur
MALAYSIA

Design & Printed by: International Institute of Global Health

Status of Participant	Fee	
	Before (20 Sept. 09)	After (20 Sept. 09)
Students	RM 350	RM 400
Medical Officers, Specialists, Managers, and Professionals (Government)	RM 450	RM 500
Medical Officers, Specialists, Managers, and Professionals (Private)	RM 550	RM 600
Overseas Participants	USD 350	USD 400

(inclusive of cultural dress; not inclusive of accommodation)

Website: <http://www.casemix.my>

Organised by

Secretariat



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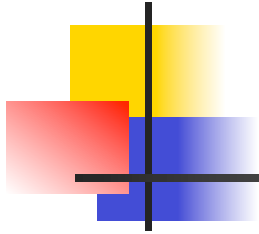


MINISTRY OF HEALTH
MALAYSIA



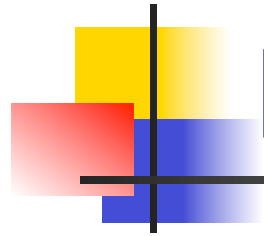
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4th International Case-Mix Conference Malaysia 2009
Case-mix Centre, UKM Medical Centre, Jalan Yacob Latif
Bandar Tun Razak, Cheras, 50000 Kuala Lumpur, Malaysia.
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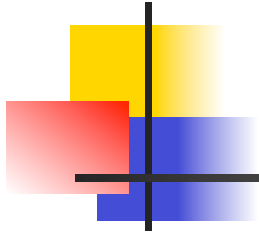
Other Activities

- Morbidity Reference Group Mid-Year Meeting in Sydney, Australia
 - 16th March – 18th March 2009
- Workshop on Distant Learning Programme for Coding and Case-mix
 - 25th PCSI-Conference in Fukuoka, Japan
 - 11th November 2009



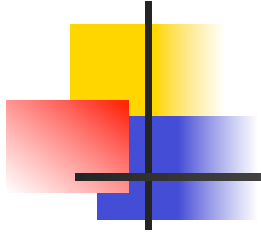
Propose Activities in 2010

- Morbidity Coding Training for PHC in less developed countries
 - Cambodia
 - Laos
 - Nepal
- Open-source Software in Healthcare Training Programme: Advance Diploma
 - OSCHA and UNU-IIGH
- Launching of Open Source Grouper
- Distant Learning Programme on Coding and Case-mix
 - Fund Raising and Start of Training Programme

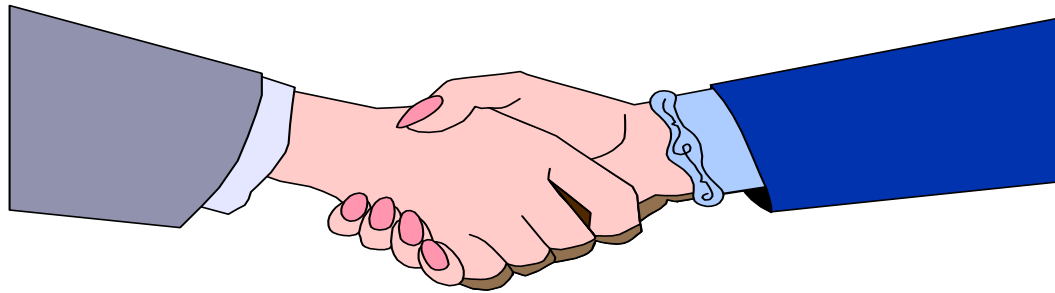


Recommendations

- Regular Meeting of Asia-Pacific Network during WHO-FIC Meeting
- Midyear meeting of Asia-Pacific Network before WHO-FIC Meeting
- Financial Support for Activities
- Website and e-group
- Explore use of ICF in Selected Countries



THANK YOU



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