ISPOR 5th ASIA-PACIFIC CONFERENCE

2-4 September 2012

Sunworld Dynasty Hotel ■ Taipei, Taiwan

Evidence Requirements by Different Stakeholders for Health Care Decisions in Asia-Pacific

ABSTRACT SUBMISSION DEADLINE: 22 MARCH 2012
EARLY REGISTRATION DEADLINE: 24 JULY 2012



CALL FOR ABSTRACTS

CO-ORGANIZED BY

- ISPOR Asia Consortium
- Center for Drug Evaluation
- Taiwan Society for Pharmacoeconomics and Outcomes Research

CONFERENCE SUPPORTING INSTITUTIONS (as of April 25, 2011)

- Bureau of National Health Insurance
- Chinese Pharmaceutical Association
- International Research-Based Pharmaceutical Manufacturers Association (Taiwan-IRPMA)
- National Yang-Ming University
- National Taiwan University
- Pharmaceutical Society of Taiwan
- Taipei Medical University
- Taiwan Pharmacist Association
- Taiwan Society of Health-System Pharmacists

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Anwarul Hassan Gilani, MSc, PhD, HEC Distinguished National Professor and Director, Medical College, Aga Khan University, Karachi, Pakistan

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Bruce Crawford, MPH, MA, General Manager, Asia, Mapi Values, Tokyo, Japan

CONFERENCE SUPPORT & PROMOTIONAL OPPORTUNITIES

CORPORATE SUPPORT

ISPOR provides opportunities for organizations to financially support the ISPOR 5th Asia-Pacific Conference. *For further information, please email: asiaconsortium@ispor.org.*

Benefits to All Supporters:

- Recognition at the Plenary Sessions
- Recognition in the Program & Schedule of Events and ISPOR website
- Conference signage

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Increase your visibility! Give your company increased prominence. For information, please email: eventsponsor@ispor.org.

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- Listing & ¼ page advertisement in the Program & Schedule of Events
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Over 800 attendees in 2010!

Present your products and services to key outcomes researchers and health care decision-makers in pharmaceutical, medical device & diagnostics, biotechnology industries, clinical practice, government agencies, academia, and health care organizations.

Benefits to Exhibitors:

- Listing & 1/4 page advertisement in the Program & Schedule of Events
- Listing & 1/4 page advertisement on the ISPOR website
- Complimentary conference registration
- Pre-registrant mailing labels

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These sponsored presentations are open to all delegates. The host organization chooses a subject of interest and arranges suitable speakers for the presentation. *For further information, please email: asiaconsortium@ispor.org.*

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ISPOR 5th ASIA-PACIFIC CONFERENCE

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SHORT COURSES

Sunday, 2 September 2012

MORNING COURSES (8:00AM-12:00PM)

Introduction to Pharmacoeconomics

Course Description: This course is designed to teach clinicians and researchers how to incorporate pharmacoeconomics into study design and data analysis. Participants will learn how to collect and calculate the costs of different health care treatments, determine the economic impact of clinical outcomes, and how to identify, track and assign costs to different types of health care resources used. The development of economic protocols and data collection sheets will be discussed. Different assessment methods including cost-effectiveness, cost-minimization, cost of illness, cost-utility and cost-benefit analysis will be introduced. The applications of pharmacoeconomics will be discussed and illustrated by practical examples.
Level: *Introductory-Intermediate. This course is designed for those with limited experience with pharmacoeconomics.*

Introduction to Modeling

Course Description: This course will introduce pharmacoeconomic modeling techniques such as decision analytic modeling, Markov modeling, discrete event models, and other modeling techniques and their appropriate usages including a review of the ISPOR Modeling Good Research Practices. Examples will be presented using Microsoft Excel, with add on simulation software. This course will include practical steps in the selection of models and options in modeling of data inputs.
Level: *Introductory-Intermediate. This course is recommended as a prerequisite to the short course "Applied Modeling".*

Introduction to Retrospective Database Design and Analysis

Course Description: Retrospective studies require strong principles of epidemiologic study design and complex analytical methods to adjust for bias and confounding. This course will provide an overview of fundamental design strategies, analytic techniques and specific best practices to improve causal inference in studies using retrospective databases. Specific topics to be covered at an introductory level include: measurement of exposure and outcome, causal graphs, new user study design, measures of comorbidity, the use of stratification analysis before multivariable modeling, multivariable regression including Cox proportional hazards survival analysis, model performance and diagnostic testing, propensity scoring, instrumental variable and structural modeling techniques including marginal structural models.
Level: *Introductory. This course is designed for those with little experience with database analysis.*

NEW! Introduction to Health Technology Assessment

Course Description: This course will introduce the key elements, methods and terms of health technology assessment (HTA), and provide an overview of basic HTA disciplines including benefit assessment (biostatistics, clinical epidemiology, patient-relevant outcomes, risk-benefit assessment), economic evaluation (costing, cost-effectiveness analysis, pharmacoeconomic modeling, budget impact analysis, resource allocation), ethical, legal and social implications. Using real world HTA examples of drugs and devices, this course will review the practical steps involved in developing and using HTA reports in different countries and their health care systems. Group discussion will focus on the perspectives of different stakeholders and the implementation of HTA in decision-making.
Level: *Introductory. This course is suitable for those with little or no experience with HTA.*

Introduction to Quality of Life Assessment/ Patient-Reported Outcomes

Course Description: Definitions and concepts, methodologies, and practical methods for measuring patient-reported outcomes will be presented. The value of patient-reported outcomes assessment will be discussed. A strategy to aid in selecting appropriate instruments and the translation processes will be presented. Instrument development and validation will be discussed using practical examples and exercises, including "ISPOR Principles of Good Practice for the Translation and Cultural Adaptation Process for Patient-Reported Outcomes (PRO) Measures".
Level: *Introductory-Intermediate. This course is designed for those with little experience with quality of life/PRO studies.*

Meta-Analysis and Systematic Literature Review

Course Description: Meta-analysis may be defined as the statistical analysis of data from multiple studies for the purpose of synthesizing and summarizing results, as well as for quantitatively evaluating sources of heterogeneity and bias. A systematic literature review often includes meta-analysis and involves an explicit, detailed description of how a review was conducted. This course highlights and expounds upon four key areas: 1) impetus for meta-analysis and systematic reviews, 2) basic steps to perform a quantitative systematic review, 3) statistical methods of combining data, and 4) an introduction to methods for indirect comparisons. The material includes practical examples from the published literature relevant to pharmacoeconomic and PRO research. This course is designed for those with little experience with meta-analysis and includes interactive exercises.
Level: *Introductory-Intermediate. This course requires basic understanding of statistical method and is recommended as a prerequisite to the short course "Network Meta-Analysis and Indirectly Treatment Comparisons"*

AFTERNOON COURSES (1:00PM-5:00PM)

Financial Impact /Cost of Illness

Course Description: This course will describe methods to determine the costs associated with a health condition and the budget impact of new technologies for that condition. The course will present incidence- and prevalence-based costing strategies. Treatment algorithms and event-based approaches will be demonstrated for disease-specific costs from different decision-maker perspectives. Both static and dynamic methods for estimating the budget impact of adding a new drug to a health plan formulary will be presented. Issues related to imputing missing data will also be discussed.
Level: *Intermediate. This course is designed for those with some experience with pharmacoeconomic analysis.*

NEW! Statistical Considerations in Clinical Trials and Economic Evaluations

Course Description: Adoption and diffusion of new medical treatments depend increasingly on robust analysis of costs and cost-effectiveness (CEA). This course will discuss design issues for the collection of primary economic data in clinical trials as well as statistical considerations, including the effect of distributional assumptions, univariate and multivariable analyses of data, sample size and power calculations, and estimation of sampling uncertainty for cost-effectiveness analysis. Examples will be provided to illustrate concepts, as well as a discussion of the ISPOR Good Research Practices on CEA alongside Clinical Trials.
Level: *Introductory-Intermediate. This course is designed for those with a basic understanding of statistics.*

Transferability of Cost-Effectiveness Data between Countries

Course Description: This course will discuss factors that make economic data more difficult than clinical data to adapt from other countries and the evidence on the variability of cost-effectiveness results across countries. Potential methods to provide solutions will be reviewed and their pros and cons will be discussed, including the ISPOR Good Research Practices for transferability of economic evaluations across jurisdictions. Finally, emerging international guidance for dealing with issues of transferability will be discussed.
Level: *Intermediate. This course is designed for those with basic understanding of economic evaluations of health care and experience in the critical assessment of cost-effectiveness studies.*

Applied Modeling

Course Description: This course is a hands-on introduction to the use of software in the creation and analysis of cost-effectiveness decision models. The basic techniques for decision tree modeling, simple Markov modeling and Monte Carlo simulation will be introduced. Useful techniques to manage variables and tables in the TreeAge Pro, and to develop Excel dashboard with be demonstrated. This course will also include discussions of ISPOR Modeling Good Research Practices.
Level: *Intermediate-Advanced. This course is suitable for those who are familiar with the various modeling methods and the short course "Introduction to Modeling" is recommended as a prerequisite for this course. All participants must bring a Windows laptop computer with a copy of TreeAge Pro Suite installed and running. You will be provided download and installation instructions when you pre-register for the course.*

Pharmaceutical/Biotech Pricing & Reimbursement Methodologies

Course Description: This course gives participants with a basic understanding of the key terminology and issues involved in pricing decisions and the principles of reimbursement methodologies. It covers the tools to document product value, the role of pharmacoeconomics and the differences in payment systems that help pricing decisions. Recent pharmaceutical spending patterns, trends and cost-containment measures will also be discussed taking account of the wider policy context. The pricing and reimbursement systems in Taiwan, South Korea, Thailand, China Mainland and other Asian countries/regions will be in-depth discussed. The case from Australia will be introduced as well.
Level: *Introductory-Intermediate. This introductory course is designed for those with limited experience in pharmaceutical pricing and reimbursement.*

NEW! Network Meta-Analysis and Indirect Treatment Comparisons

Course Description: Network meta-analysis provides an integrated and unified analysis that incorporates all direct and indirect comparative evidence about treatments, which is especially useful when there's little or no evidence from direct comparisons. When head to head randomized controlled trials are absent, network meta-analysis offers a quantitative method of integrating all the data from all the available comparisons while indirect treatment comparisons can be conducted and provides useful evidence. In this course, the fundamentals and concepts of network meta-analysis will be presented. ISPOR Good Research Practices for Conducting and Interpreting Network Meta-Analysis and Indirect Treatment Comparisons will be presented. The evaluation of networks also presents special challenges and caveats, which will also be highlighted in this course. The material in this course is motivated by instructive and real examples. Case studies are implemented with the WinBUGS package.
Level: *Intermediate. This course is designed for those with some understanding of meta-analysis, and the short course "Meta-Analysis and Literature Review" is recommended as a prerequisite for this course.*

Complete Short Course Descriptions Available at www.ispor.org

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2-4 September 2012 ■ Sunworld Dynasty Hotel ■ Taipei, Taiwan

CALL FOR ABSTRACTS

ABSTRACT SUBMISSION BEGINS: 23 JANUARY 2012 / ABSTRACT SUBMISSION DEADLINE: 22 MARCH 2012

SUBMISSION INSTRUCTIONS

All abstracts and proposals MUST be submitted through ISPOR's online abstract submission system by **22 March 2012.**

Abstracts accepted for other ISPOR meetings can NOT be submitted and research published or presented at other national or international meetings is discouraged.

All accepted research abstracts are published in *Value in Health*

SUBMISSION INSTRUCTIONS, EXAMPLES & SPECIFIC EVALUATION CRITERIA AVAILABLE AT www.ispor.org

RESEARCH ABSTRACTS

Outcomes research on all health care interventions (including drugs, devices, behavioral modification programs, surgery, disease prevention, gene therapy, screening, diagnostic procedures and health education) and on all diseases or health disorders are considered. Research abstracts (except for conceptual papers) must be organized by OBJECTIVES, METHODS, RESULTS, CONCLUSIONS. All accepted research abstracts are published in Value in Health as submitted. Accepted research is presented as a 15 minute podium presentation or poster presentation (with a poster author discussion hour). Abstracts are evaluated on the quality of the study (or concept) and quality of the abstract presentation. Research topics include: Clinical Outcomes Studies, Cost Outcomes Studies, Patient-Reported Outcomes/Preference-based Studies, Health Care Use & Policy Studies, Research on Methods, Conceptual Papers. See the ISPOR website for research subtopics, diseases and health care treatments.

ISSUE PANEL PROPOSALS

Issue panel proposals should show real debate on new or controversial issues in health economics and outcomes research or real debate on the use of outcomes research in health care decision-making. Issue panel proposals must be organized MODERATOR, PANELISTS, ISSUE, OVERVIEW. An accepted issue panel is one hour in duration with a moderator and 2-3 panelists representing different organizations. Panelists should present distinct views about the topic. Issue Panel topics are: Clinical Outcomes Research Issues, Economic Outcomes Research Issues, Patient-Reported Outcomes Research Issues, Health Policy Development Using Outcomes Research Issues.

WORKSHOP PROPOSALS

Workshop proposals should show novel and innovative experiences in the conduct of outcomes research (including, but not limited to, experiences with conjoint analysis, large database analysis, modeling, observational studies, record review, surveys, sensitivity analysis and patient registries) or novel and innovative experiences in the use of outcomes research (clinical, economic, or patient-reported/preference-based outcomes) in health care policy development. Workshop proposals must be organized by DISCUSSION LEADERS, PURPOSE, DESCRIPTION. Accepted workshops are one hour in duration with a minimum of 2 and maximum of 4 discussion leaders (more than one organization must be represented). An audience interactive element must be included in the proposal and during the workshop. Workshop topics include: Clinical Outcomes Research, Economic Outcomes Research, Patient-Reported Outcomes/Preference-based Research, Use of Real World Data, Health Policy Development Using Outcomes Research. See the ISPOR website for workshop subtopics.

HEALTH CARE DECISION-MAKER CASE STUDY ABSTRACTS

Health care decision-maker case study abstracts must describe an organization's attempt to integrate cost or outcomes research information into their health care organization's processes and procedures. Case Study abstracts must be organized: ORGANIZATION, PROBLEM OR ISSUE ADDRESSED, GOALS, OUTCOMES RESEARCH USED IN THE DECISION, RESULTS, LESSONS LEARNED. Negative as well as positive results are encouraged. Accepted case studies are presented as a 20 minute podium presentation or poster presentation (with a poster author discussion hour). THE PRESENTER MUST BE A HEALTH CARE DECISION-MAKER.

PRELIMINARY PROGRAM

OVER 800 ATTENDEES IN 2010!

MONDAY, 3 SEPTEMBER 8:30AM-7:00PM

First Plenary Session: *Health Technology Assessment in The Significantly Evolving Health Care Systems in Asia*

Health technology assessment (HTA) is a multidisciplinary process that summarizes information about the medical, social, economic and ethical issues related to the use of a health technology in a systematic, transparent, unbiased, robust way [ref: EUnetHTA]. To ensure the HTA process is successful, a health system needs the infrastructure and human capacity, adequate data sources, PE/HTA guidelines, and an understanding of the methods used in HTA. In addition, in Asia, health systems are significantly changing and resources are severely limited. Therefore, conducting or evaluating a health technology in Asia is a real challenge. This session will discuss the key building blocks in the development of a HTA process in the Asian context and the role of HTA in improving the health care systems in Asia.

Second Plenary Session: *Involving Patients & Health Care Providers in Health Care Decisions: Learning from Each Other*

Health technology assessment (HTA) in Asia is a process that mainly involves specialized experts from academia, industry, and government agencies. One common observation across the region is the limited or lack of involvement by patients or health care providers in the process. If the policy of "Those conducting HTAs should actively engage all key stakeholder groups" should be established, patients and health care providers should play a significant role. In Europe, for example, the UK's NICE Citizens' Council provides valuable impute on contentious subjects, and European Patients' Forum collectively lobbies for patient's rights, including equity and access to health care technology. In this session, international experience on how views of patients and health care providers are incorporated into HTA and health care coverage decisions will be shared, and how it can be adapted in Asia will be discussed and debated.

TUESDAY, 4 SEPTEMBER 8:30AM-6:00PM

Third Plenary Session: *Challenges of Adopting New Innovative Technologies in Health Care Coverage Decision-Making in Asia*

A constant dilemma faced by payers is limited resources they have versus the increasing demands for health technologies, whether the technology can be of high value to targeted therapies, therapeutic devices and diagnostic products, or surgical procedures. Novel strategies have been developed and to a lesser extent, implemented in some countries, to ease the tension caused by this dilemma. Examples include coverage with evidence development, risk sharing or performance-based agreement, and others. Speakers in this session will share the recent developments of novel strategies for adopting new technologies, pros and cons, and their potentials to be implemented in Asia.

***40 RESEARCH PODIUM PRESENTATIONS *5 ISSUE PANELS *15 WORKSHOPS *300 RESEARCH POSTER PRESENTATIONS**

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NAME _____ DEGREES _____ MEMBER ID# _____

POSITION _____ ORGANIZATION _____

MAILING ADDRESS _____

CITY _____ STATE/PROVINCE _____ ZIP _____ COUNTRY _____

TELEPHONE _____ FAX _____ EMAIL _____

CONFERENCE REGISTRATION: 3-4 September 2012

Registration Before 24 July 2012
Standard: TWD12,000 (US$418)

Full-Time Government, Academia and Practitioners:
General: TWD7,500 (US$262) Taiwan local: TWD3,750 (US$131)

Full-Time Student:
General: TWD2,500 (US$87) Taiwan local: TWD1,250 (US$44)

Registration After 24 July 2012
Standard: TWD15,000 (US$524)

Full-Time Government, Academia and Practitioners:
General: TWD9,000 (US$314) Taiwan local: TWD4,500 (US$157)

Full-Time Student:
General: TWD3,000 (US$105) Taiwan local: TWD1,500 (US$52)

Taiwan Local: Individuals residing in Taiwan.

SHORT COURSE REGISTRATION: 2 September 2012

All Courses Are Offered in English

Morning Courses (8:00AM-12:00PM)
- ❑ Introduction to Pharmacoeconomics
- ❑ Introduction to Modeling
- ❑ Introduction to Retrospective Database Design and Analysis
- ❑ *New!* Introduction to Health Technology Assessment
- ❑ Introduction to Quality of Life Assessment/Patient-Reported Outcomes
- ❑ Meta-Analysis and Systematic Literature Review

Afternoon Courses (1:00PM-5:00PM)
- ❑ Financial Impact/Cost of Illness
- ❑ *New!* Statistical Considerations in Clinical Trials and Economic Evaluations
- ❑ Transferability of Cost-Effectiveness Data between Countries
- ❑ Applied Modeling
- ❑ Pharmaceutical/Biotech Pricing & Reimbursement Methodologies
- ❑ *New!* Network Meta-Analysis and Indirect Treatment Comparisons

SHORT COURSE FEES (PER COURSE)

Registration Before 24 July 2012
Regular: TWD3,000 (US$105) Full-Time Student: TWD1,500 (US$52)
Full-Time Student (Taiwan local): TWD750 (US$26)

Registration After 24 July 2012
Regular: TWD6,000 (US$209) Full-Time Student: TWD3,000 (US$105)
Full-Time Student Taiwan local: TWD1,500 (US$52)

Taiwan Local: Individuals residing in Taiwan.

REGISTRATION FEES

	QTY	FEE	TOTAL
Short Course Registration (2 September 2012)			
Conference Registration (3-4 September 2012)			
***ISPOR Membership Registration: Option 1**			
***ISPOR Membership Registration: Option 2**			
Total Registration Fee			

***ISPOR Membership (optional)**

Member
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- ❑ Option 2: US$275 (TWD7,887) per year – a 1-year subscription to *Value in Health* online & hard copy, including access to all past issues

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Exchange rate as of May 2011 (28.66TWD = 1USD). The shaded boxes should be used as a reference. ***All credit card payments to ISPOR are charged in US$ at the exchange rate prevailing at the time of the transition. Due to this exchange, credit card statements may vary slightly.***

PAYMENT INFORMATION

Please enclose a check payable in US dollars to: International Society for Pharmacoeconomics and Outcomes Research or ISPOR and send to the ISPOR address given below or charge to: ❍ VISA ❍ MasterCard ❍ American Express

Account Number: _____ Expiration Date: _____

Name: _____ Authorized Signature: _____

Mail Details: If not paying by credit card online, send registration form and payment to: International Society for Pharmacoeconomics and Outcomes Research, 3100 Princeton Pike, Building 3 Suite E, Lawrenceville, New Jersey 08648, USA Tel: 1-609-219-0773
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Payment Details: Payment may be made by check, travelers check, bank transfer (there is a USD $40 charge) or credit card. VISA, MasterCard, or American Express will be charged in US dollars. Signature, account number and expiration date must be included. Non-US checks written in US$ on banks with a US counterpart are at no charge. For Non-US checks written in US$ on banks with NO US counterpart there is USD $25 charge. Phone charges will NOT be accepted.

If payment is being made by your company, please make sure your name is indicated on the check stub or correspondence. For bank transfers, please designate the registration name and/or registration number.

Cancellation Details: Cancellation fee before 24 July 2012 is US $100.
No refunds given after 24 July 2012.

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