

PRELIMINARY PROGRAM

Society for Medical Decision Making 13th European Meeting 2010

Public Health Decision Making

May 30-June 2, 2010

UMIT - University for Health Sciences, Hall i.T./Innsbruck,
Austria

Notes:

This is a preliminary program and the schedule may still change. Please check our conference homepage for updates (www.umat.at/esmdm2010)
Countries listed with the presentations indicate the countries of the primary affiliation of the presenting author.

Last update: April 24, 2010

SATURDAY, MAY 29, 2010

17:00 – 20:30 Registration desk opens at UMIT

SUNDAY, MAY 30, 2010

PARALLEL SHORT COURSES

09:00 – 12:00

Parallel Short Course 1

FOCUSED OPERATIONS MANAGEMENT IN HEALTH CARE ORGANISATIONS: DOING MORE WITH THE SAME RESOURCES

J. Pliskin, Israel

Parallel Short Course 2

HOW-TO-WORKSHOP: REVISE AND IMPROVE YOUR PRESENTATION FOR THE MEETING

M.G.M. Hunink, USA

Parallel Short Course 3

INTRODUCTION TO CLINICAL AND ECONOMIC DECISION-ANALYTIC MODELING

U. Siebert, Austria

Parallel Short Course 4

ADVANCED DECISION ANALYSIS: PART 1, THEORY

M.S. Roberts, USA

12:00

Lunch

14:00 – 17:00

Parallel Short Course 5

DISCRETE EVENT SIMULATION

B. Jahn, Austria and **J. Stahl**, USA

Parallel Short Course 6

ADVANCED DECISION ANALYSIS: PART 2, HANDS-ON

M.S. Roberts, USA

Parallel Short Course 7

RECOGNIZING EXTERNAL THREATS TO RATIONAL DECISION MAKING

R.M. Poses and **W.R. Smith**, USA

There will be a coffee break at about 10:30 and 15:30



19:00 – 21:00

Get-Together Reception at UMIT
Mounting of posters for Monday, May 31 poster session

MONDAY, MAY 31, 2010

08:30 Registration desk opens at UMIT
Mounting of posters for Monday, May 31 poster session

10:00 – 10:30 Opening Session

WELCOME ADDRESS

Uwe Siebert, Austria, Co-Chair SMDM Europe Meeting 2010
Kathryn McDonald, USA, SMDM President

10:30 – 12:00 Plenary Session

TOP-RANKED ABSTRACTS

- 10:30 ARE INCREMENTAL BENEFITS FROM NEW TECHNOLOGY DECREASING? AN ANALYSIS OF QALY GAINS OVER TIME
D. Greenberg, J.T. Cohen, P.J. Neumann, Israel
- 10:45 IMPUTING QALYS FROM SINGLE TIME POINT HEALTH STATE DESCRIPTIONS ON THE EQ-5D AND THE SF-6D: A COMPARISON OF METHODS FOR HEPATITIS A PATIENTS
J. Luyten, C. Marais, N. Hens, K. De Schrijver, P. Beutels, Belgium
- 11:00 HOSPITAL RANKINGS IN THE NETHERLANDS DO NOT PROVIDE RELIABLE PATIENT INFORMATION
H. Pons, **H.F. Lingsma**, E.W. Steyerberg, R. Bal, The Netherlands
- 11:15 BENZODIAZEPINES RENEWALS: IS THERE A POSSIBILITY FOR SHARED DECISION?
C. Rat, J.P. Canevet, R. Senand, France
- 11:30 MULTIDIMENSIONAL OMISSION BIAS IN PARENTS' VACCINE DECISION-MAKING
K.F. Brown, J.S. Kroll, M. Ramsay, M. Hudson, J. Green, C. Vincent, G. Fraser, N. Sevdalis, UK
- 11:45 ORPHAN DRUGS: DOES SOCIETY VALUE RARITY?
A.S. Desser, D. Gyrd-Hansen, J.A. Olsen, S. Grepperud, I.S. Kristiansen, Norway
- 12:00 *Lunch*



13:30 – 15:00

Parallel Session 1 - A

PUBLIC HEALTH DECISION MAKING

- 13:30 ARE TRANSITION SUPPORT SERVICES FOR LOOKED AFTER CHILDREN COST EFFECTIVE?
A. Duenas, J. Chilcott, E. Everson-Hock, R. Jones, E. Goyder, UK
- 13:45 COST-EFFECTIVENESS OF SMOKING CESSATION WITH VARENICLINE IN PATIENTS WITH CORONARY HEART DISEASE
P. Aidelsburger, J. Wasem Germany
- 14:00 MULTI AGENT SIMULATION TECHNIQUES FOR DYNAMIC SIMULATION OF SOCIAL INTERACTION AND SPREAD OF DISEASES WITH DIFFERENT SEROTYPES
N. Popper, **G. Zauner**, F. Breitenecker, G. Endel, Austria
- 14:15 MODELING THE INTRODUCTION OF PCV7 TO THE CHILDREN VACCINATION PROGRAM IN AUSTRIA USING MARKOVIAN PROCESSES
C. Urach, N. Popper, G. Zauner, F. Breitenecker, G. Endel, Austria
- 14:30 LONG-TERM EFFECTIVENESS AND COST-EFFECTIVENESS OF PRIMARY HPV SCREENING FOR CERVICAL CANCER IN GERMANY - A DECISION ANALYSIS
G. Sroczynski, P. Schnell-Inderst, N. Muehlberger, K. Lang, P. Aidelsburger, J. Wasem, T. Mittendorf, J. Engel, P. Hillemanns, K.U. Petry, A. Kraemer, U. Siebert, Austria
- 14:45 DIRECT COST AND NET COSTS OF ROAD TRAFFIC ENFORCEMENT IN THAILAND
N. Singweratham, J. Podang, Thailand
- 15:00 *Coffee Break*




MONDAY, MAY 31, 2010 (continued)

13:30 – 15:00

Parallel Session 1 - B

COST-EFFECTIVENESS ANALYSIS

- 13:30 COST-EFFECTIVENESS OF DRUG-ELUTING STENTS VERSUS BARE-METAL STENTS IN ACUTE MYOCARDIAL INFARCTION: SUPERIORITY USING BOTH REGISTRY DATA AND TRIAL DATA
T. Wisløff, I.S. Kristiansen, D. Atar, Norway
- 13:45 ESTIMATING THE FINANCIAL BURDEN OF STROKE IN FRANCE: A COST-OF-ILLNESS STUDY
K. Chevreur, **A. Gouépo**, I. Durand-Zaleski, France
- 14:00 COST-UTILITY ANALYSIS OF DIFFERENT SYSTEMS OF ORGANISED INPATIENT (STROKE UNIT) CARE
L. Govan, C.J. Weir, P. Langhorne, UK
- 14:15 ECONOMIC EVALUATION OF OSTEOPOROSIS MANAGEMENT STRATEGIES: HANDLING UNCERTAINTY PERTAINING TO THE STRUCTURE OF DECISION-ANALYTIC MODELS
S. Bahrami, K. Alzahouri, F. Guillemin, I. Durand-Zaleski, France
- 14:30 HERD BEHAVIOR AND HERD IMMUNITY
DOES MAN HAVE PREEMINENCE ABOVE BEAST?
M.J. Cohen, M. Brezis, Israel
- 14:45 DOES ADJUSTING FOR HEALTH-RELATED QUALITY OF LIFE MATTER IN COST-EFFECTIVENESS ANALYSES? A COMPARISON OF COST/LIFE YEAR AND COST/QALY ESTIMATES
D. Greenberg, J.T. Cohen, C-H. Fang, P.J. Neumann, Israel
- 15:00 *Coffee Break* 

15:30 – 16:30

Parallel Workshop 1

MODELING APPROACHES FOR ANALYSING HEALTH CARE PROBLEMS – AN INTRODUCTORY OVERVIEW AND COMPARISON

Faculty:

B. Jahn, UMIT - University for Health Sciences, Medical Informatics and Technology, Hall i.T., Austria

J. Stahl, MGH – Institute for Technology Assessment, Massachusetts General Hospital, Boston, MA, USA

S. Brailsford, School of Management, University of Southampton, Southampton, UK,

M. Roberts, Department of Health Policy and Management, University of Pittsburgh Graduate School of Public Health, Pittsburgh, PA, USA

G. Zauner, dwh Simulation Services, Vienna, Austria

MONDAY, MAY 31, 2010 (continued)

15:30 – 16:30

Parallel Workshop 2

AGENT BASED MODELING AND THE BENEFITS REGARDING SIMULATION RESULTS

Faculty:

F. Breitenecker, Vienna University of Technology, Institute for Analysis and Scientific Computing, Vienna, Austria

G. Endel, Evidence Based Economic Healthcare, Main Association of Austrian Social Insurance Institutions, Vienna, Austria

N. Popper, dwh Simulation Services, Vienna, Austria

G. Zauner, dwh Simulation Services, Vienna, Austria

15:30 – 16:30

Parallel Workshop 3

MARKET ACCESS GOAL & MANAGEMENT OPTIMISATION (MAGMO) ANALYSIS AS EVIDENCE-BASED METHOD TO EFFICIENTLY SUPPORT STRATEGIC DECISIONS

Faculty:

N.M. Wilk, Arcana Institute, Krakow, Malopolskie, Poland

E. Rogozinska, CASPolska, Myslenice, Malopolskie, Poland

15:30 – 16:30

Parallel Workshop 4

CURRENT AND FUTURE USE OF PHARMACOECONOMIC AND PHARMACOTHERAPY OUTCOMES RESEARCH DATA IN DECISION MAKING

Faculty:

J. Biskupiak, Department of Pharmacotherapy, University of Utah College of Pharmacy, Salt Lake City, UT, USA

D.I. Brixner, Department of Pharmacotherapy, University of Utah College of Pharmacy, Salt Lake City, UT, USA

A-P. Holtorf, BioBridge Strategies, Basel, Switzerland

MONDAY, MAY 31, 2010 (continued)

16:30 – 18:30

Symposium I

PUBLIC HEALTH DECISION MAKING

18:00 Poster Presentations

19:30 Mounting of posters for Tuesday, June 1 poster session

20:30 – 21:30

Evening Get-Together

REMINISCENCES OF THE "OLD DAYS" OF MEDICAL DECISION MAKING

Moderator: Uwe Siebert

Member of the SMDM Board of Trustees

Professor of Public Health, UMIT, Austria; Adjunct Professor of Health Policy and Management, Harvard School of Public Health, USA

Invited Guests:

Milton C. Weinstein

Past SMDM President and Past Member of SMDM Board of Trustees

Henry J. Kaiser Professor of Health Policy and Management, Department of Health Policy and Management & Department of Biostatistics, Harvard School of Public Health, Boston, MA, USA

Joe Pliskin

Co-Chair of SMDM Europe Meeting

Sidney Liswood Professor of Health Care Management, Department of Industrial Engineering and Management & Department of Health Systems Management, Ben-Gurion University of the Negev, Israel
Adjunct Professor of Health Policy and Management at the Department of Health Policy and Management at the Harvard School of Public Health, Boston, MA, USA

J. Sanford (Sandy) Schwartz

Past SMDM President and Past Member of SMDM Board of Trustees

Professor of Medicine, Health Care Management and Economics, Department of Health Care Management, University of Pennsylvania, Philadelphia, PA, USA

TUESDAY, JUNE 1, 2010

07:00 Mounting of posters for Tuesday, June 1 poster session

08:00 Poster Presentations

09:00 – 10:30

Parallel Session 2 - A

METHODS

09:05 A REVIEW OF MODELING THE MANAGEMENT OF COMPLICATIONS OR THE PROGRESSION OF DIABETES MELLITUS
L. Renard, I. Borget, Luxembourg

09:15 A POLICY MODEL FOR COPD: USING CONCEPTUAL MODELLING OF CAUSAL LINKAGES TO GET BEYOND THE MARKOV CHAIN
A.H. Briggs, H. Starkie, N. Roberts, M. Chambers, UK

09:30 ESTIMATING SURVIVAL GAINS – CAN WE RELY ON “END-of-STUDY” RESULTS?
I.S. Kristiansen, Norway

09:45 THE NUMERACY UNDERSTANDING IN MEDICINE INSTRUMENT (NUMi): A NEW MEASURE OF HEALTH NUMERACY DEVELOPED USING ITEM RESPONSE THEORY
M.M. Schapira, M.C. Walker, K.E. Fletcher, P. Ganchow, E. Jacobs, S. Del Pozo, C. Schauer, USA


10:00 ECONOMIC EVALUATION OF HUMAN LIFE – A NEW APPROACH BASED ON COMPENSATION FOR PAIN AND SUFFERING
A. Leiter, **M. Thöni**, H. Winner, Austria

10:15 DIAGNOSIS OF SPUTUM SMEAR-NEGATIVE PULMONARY TUBERCULOSIS BY THE TB DIAGNOSTIC COMMITTEE: LOGLINEAR AND CLASSIFICATION TREE MODELS OF A POSITIVE CHEST X-RAY READING
C.R.E. Alfonte, Philippines

10:30 *Coffee Break*



PREFERENCES AND CHOICES

- 09:00 FRAMING EFFECTS OF MEDICAL BELIEFS IN DECISIONS MAKING
AND CAUSAL JUDGMENTS
S.M. Müller, R. Garcia-Retamero, A. Catena, A. Maldonado, Spain
- 09:15 RISKY DECISION MAKING WITH GAMBLES AND MEDICAL
TREATMENTS
M.H. Birnbaum, J.P. Bahra, USA
- 09:30 THE EFFECT OF RISK AVERSION ON TESTING AND TREATMENT
THRESHOLDS IN DIAGNOSTIC TESTING
S. Felder, T. Mayrhofer, Germany
- 09:45 CONFLICTED TREATMENT PREFERENCES IN MEDICAL
PROFESSIONALS: INTEGRATING INDIRECT MEASURES INTO
MEDICAL DECISION-MAKING
C-J. Tsay, D. Rand, USA
- 10:00 CHOOSING BETWEEN HOSPITALS: THE INFLUENCE OF PATIENT
EXPERIENCES
I.B. de Groot, J. Dijs-Elsinga, W. Otten, J. Kievit,
P.J. Marang-van de Mheen, The Netherlands
- 10:15 PATIENT PREDICTION OF FUTURE DRUG SPENDING IN THE
MEDICARE PART D PROGRAM
J. Hsu, M. Price, V. Fung, R. Brand, USA
- 10:30 *Coffee Break* 

TUESDAY, JUNE 1, 2010 (continued)

11:00 – 12:00

Parallel Panel Discussion 1 - A

**KEY PRINCIPLES FOR TECHNOLOGY ASSESSMENT PROGRAMS:
DEBATE AND NEW DIRECTIONS**

Moderator: **M. Helfand**, Medical Decision Making,
Oregon Health & Science University, Portland, OR, USA

Panelists:

M. Drummond, UK

N. McElwee, USA

S. Schwartz, USA

12:00 *Lunch*



11:00 – 12:00

Parallel Panel Discussion 1 - B

**AN EXAMPLE OF A SUCCESSFUL IMPLEMENTATION OF
VACCINATION PROGRAMME: THE PUBLIC HEALTH IMPACT OF
ROTAVIRUS VACCINATION**

Moderator: **C. Giaquinto**, University of Padua, Padua, Italy

Panelists:


T. Vesikari, University of Tampere, Tampere, Finland

M. Toumi, Creativ-Ceutical, Paris, France

12:00 *Lunch*



HEALTH SERVICES AND OUTCOMES RESEARCH


- 13:30 QUALITY OF CARE: DESCRIPTIVE STUDY ON “ASSESSMENT OF QUALITY OF CARE PROVIDED BY NON-JCI CERTIFIED HOSPITAL AND BENCHMARKING WITH JCI CERTIFIED HOSPITAL IN CHENNAI, INDIA
A. Deenathayalan, India
- 13:45 HOSPITAL MORTALITY OR FOLLOW-UP MORTALITY FOR QUALITY REPORTING? ANALYSIS OF QUALITY REPORTS COVERING INSURED FROM LOCAL SICKNESS FUNDS
J. Stausberg, Germany
- 14:00 IMPACT OF ALTERNATIVE DEFINITIONS OF MEDICATION COMPLIANCE ON TREATMENT COST FOR MEDICAL PATIENTS WITH SCHIZOPHRENIA
J. Pai, J.S. McCombs, USA
- 14:15 CHANGES IN QUALITY OF LIFE AND UTILITY IN HEART FAILURE PATIENTS: A COMPARISON OF TRAJECTORIES
P. Kolm, C.T Jurkovitz, W.S. Weintraub, USA
- 14:30 INFORMING DECISION MAKING FOR OBESITY: A ‘COHORT MULTIPLE’ RCT APPROACH
C. Relton, P. Bissell, C. Smith, A. O’Cathain, J.F. Blackburn, UK
- 14:45 INDIVIDUAL PATIENT DATA META-ANALYSIS OF COMPLEX INTERVENTIONS – AN EXAMPLE WITH EARLY MOBILISATION IN STROKE
L.E. Craig, J. Bernhard, P. Langhorne, O. Wu, UK
- 15:00 *Coffee Break* 

TUESDAY, JUNE 1, 2010 (continued)

13:30 – 15:00

Parallel Session 3 - B


TRANSLATIONAL RESEARCH AND OTHER TOPICS

- 13:30 CARE COORDINATION: WHAT WORKS? HARNESSING A VAST LITERATURE THROUGH A SYSTEMATIC REVIEW OF SYSTEMATIC REVIEWS
K.M. McDonald, V. Sundaram, C. Smith-Spangler, L. Albin, D.M. Bravata¹, D.K. Owens, USA
- 13:45 HORIZON SCANNING IN ONCOLOGY – EVALUATION OF NEW AND EMERGING ANTICANCER DRUGS IN AUSTRIA
A. Nachtnebel, **S. Geiger-Gritsch**, K. Hintringer, Austria
- 14:00 FROM 10-YEAR RISK SCORING TO LIFETIME (RISK) BENEFIT IN THE PREVENTION OF CARDIOVASCULAR DISEASE
A.H. Briggs, **K.D. Lawson**, J. Lewsey, UK
- 14:15 DOES COST-EFFECTIVENESS ANALYSIS DISCRIMINATE AGAINST PATIENTS WITH SHORT LIFE EXPECTANCY? MATTERS OF LOGIC AND MATTERS OF CONTEXT
M. Paulden, A.J Culyer, UK
- 14:30 FUZZY LOGIC APPROACH TO ELABORATION OF MEDICAL GUIDELINES
K. Pagava, Tatiana Kiseliova, L. Bakashvili, I. Korinteli, J. Meladze, Georgia
- 14:45 COVERAGE WITH EVIDENCE DEVELOPMENT AS A SILVER BULLET? – SOME CAUTIOUS CONSIDERATIONS
P. Storz, D. Bühler, B. Egger, Germany
- 15:00 *Coffee Break* 

15:30 – 17:30

Symposium II

DECISION MAKING IN PERSONALIZED MEDICINE

- 17:30 Mounting of posters for Wednesday, June 2 poster session
- 19:00 *Conference Dinner* 

WEDNESDAY, JUNE 2, 2010

07:00 Mounting of posters for Wednesday, June 2 poster session

08:00 Poster Presentations

09:00 – 10:00 Plenary Session

DECISION MAKING IN PERSONALIZED MEDICINE

09:00 VALUING GENETIC TESTS AND SERVICES: THE ROLE OF HEALTH STATUS

K. Payne, M. McAllister, L. Davies, UK

09:15 COST-EFFECTIVENESS OF THE CHEK2 GENOTYPING AND PERSONALIZED BREAST CANCER SCREENING IN THE POLISH HEALTH-CARE SYSTEM

E. Orlewska, J. Lubinski, Poland

09:30 SHOULD WE IMPLEMENT TARGETED ACTIONS TO IMPROVE ADHERENCE TO THE NATIONAL PROGRAM OF COLORECTAL CANCER SCREENING?

J. Le Breton, **N. Journy**, A. Prigent, P. Le Corvoisier, Z. Brixl, K. Chevreul

09:45 THE INFLUENCE OF INCIDENCE ON THE OPTIMAL TIME THE INTERVAL FOR BREAST CANCER SCREENING: A COST-EFFECTIVENESS APPROACH

F. Goudsmit, N.A. Mushkudiani, M.J.C. Eijkemans, E.W. Steyerberg¹, J.D.F. Habbema, The Netherlands

10:00 – 11:00

Parallel Panel Discussion 2 - A

MATCHING HTA FOR THE REQUIREMENTS OF NATIONAL HEALTH CARE SYSTEMS? LESSONS LEARNED: THE BISMARCK SYSTEM, EXAMPLE OF GERMANY AND AUSTRIA

Moderator: **A. Ruether**, German Institute for Quality and Efficiency in Health Care, (IQWiG), Cologne, Germany

Panelists:

S-L. Antoine, German Institute for Medical Documentation and Information (DIMDI), Cologne, Germany

B. Göhlen, Institute for Medical Documentation and Information (DIMDI), Cologne, Germany

M. Hofmarcher, Gesundheit Österreich GmbH (GÖG), Vienna, Austria

P.P. Sawicki, German Institute for Quality and Efficiency in Health Care, (IQWiG), Cologne, Germany

I. Rosian-Schikutav, Austrian Health Institute (ÖBIG), Vienna, Austria

C. Wild, Ludwig-Boltzmann-Institute (LBI), Vienna, Austria

11:00

Coffee Break



10:00 – 11:00

Parallel Panel Discussion 2 - B

COHERENCE AND CORRESPONDENCE IN MEDICINE: BRINGING NEW LIGHT TO MEDICAL CONTROVERSIES

Moderator: **R. Poses**, Brown University, Providence, RI, USA

Panelists:

T.G. Tape, University of Nebraska Medical Center, Nebraska Medical Center, Omaha, Nebraska, NE, USA

R.S. Wigton, Brown University, Providence, RI, USA

11:00

Coffee Break



WEDNESDAY, JUNE 2, 2010 (continued)

11:30 – 13:00

Plenary Session

CLINICAL DECISION MAKING AND PATIENT-SHARED DECISION MAKING

- 11:30 PSYCHOMETRIC PROPERTIES OF THE SHARED DECISION-MAKING QUESTIONNAIRE – PHYSICIAN VERSION (SDM-Q-DOC)
I. Scholl, A. Buchholz, L. Kriston, J. Dirmaier, M. Härter, Germany
- 11:45 WHY DO SOME PATIENTS WITH SCHIZOPHRENIA WANT TO BE ENGAGED IN MEDICAL DECISION MAKING AND OTHERS DON'T?
J. Hamann, R. Mendel, W. Kissling, A. Berthele, Germany
- 12:00 SELF-ESTIMATION ON FRACTURE RISK AND LENGTH OF LIFE: ISSUES TO CONSIDER FOR 10-YEAR FRACTURE RISK BASED DECISION MAKING IN OSTEOPOROSIS
M. Péntek, V. Brodszky, K. Érsek, P. Baji, E. Orlewska, E. Tóth, C. Horváth, **L. Gulácsi**, Hungary
- 12:15 CONSTRUCTING EXPLANATORY PROGNOSTIC PROFILES FROM CONDITIONAL PROBABILITY TABLES BY CLUSTER-KBM2L ANALYSIS
J.A. Fernandez del Pozo, C. Bielza, P.J.F. Lucas, The Netherlands
- 12:30 CLINICAL EFFECTIVENESS OF TRIPLE THERAPY IN THE MANAGEMENT OF COPD
K. Gaebel, G. Blackhouse, P. Hernandez, F. Xie, D. Robertson, A. McIvor, N. Assasi, **R. Goeree**, Canada
- 12:45 ALGORITHMIC APPROACH TO DIAGNOSTICS OF RARE DISEASES
T. Kiseliova, M. Korinteli, I. Korinteli, K. Pagava, Georgia
-

13:00 – 13:00

Closing Addresses

CLOSING REMARKS AND AWARDS CEREMONY

E. Fenwick, UK, Co-Chair
J. Pliskin, Israel, Co-Chair
U. Siebert, Austria, Co-Chair

13:30 *Lunch*

