Current State of the IMIA Working Conference Program

IMIA Working Conference
on maintaining a healthy state in individual
(Clinical and technical considerations for disease prevention
and rapid detection of illness within individual)

April 8th - 10th
Kobe, Japan

Purpose of the Conference

The importance of monitoring an individual's physiological state is increasingly recognized with regard both to preventive and curative health care. In the case of acute illness, previous measurements of physiological functions provide a reference base. During periods of stable health, deviations from this reference base are used to detect inclinations towards illness. This working conference aims at the assessment of requirements in such areas as coordination of medical care resources, laboratory quality control, statistical methodologies, and information systems to assure cost-effective multiphasic screening for maintaining a healthy physiological state within the individual.

PROGRAM (not final*)

SESSION I: Preventive Maintenance Program

Co-chairmen:  M.F. Collen, U.S.A.
              M. Tamura, Japan

Principal Speakers

1)  The French program of periodic monitoring of family members
    J. Martin, M.D.
    Centre de Medicine Preventive

2)  Principles learned from 15 years experience in long term monitoring of individual subjects in a health maintenance program
    M. Tamura, M.D.
    Director, P.L. Tokyo Health Control Center

3)  Cost-benefit and cost-effective analysis: Design and implementation considerations
    M.F. Collen, M.D.
    ???? The Permanente Medical Group, California

Discussants

1)  M. Murayama, M.D., Director of Clinical Laboratories, Kanto Teishin Hospital, Tokyo
2)  C. Heusghem, Ph.D., Director, Laboratory of Clinical Biochemistry, University of Liege, Liege
3)  G.Z. Williams, Director, Cancer Research Institute, Pacific Medical Center, San Francisco, U.S.A.
SESSION II: Clinical and Community Issues

Co-chairmen:  S. Hinohara, Japan  
               E. Van Brunt, U.S.A.

Principal Speakers

1) Office practice monitoring of well persons  
   E. Van Brunt, M.D., Director, Department of  
   Medical methods research, the Permanente Medical  
   Group, U.S.A.

2) Management of persons with detected abnormalities  
   E. Van Brunt

3) Hitachi program of employee health maintenance  
   I. Ohtani, M.D., Director, Hitachi Hospital,  
   Mito, Japan

Discussants

1) F.I. Gilbert, M.D., Medical Director, Staub  
   Pacific Research Institute, Honolulu, HI
2) Shigeo Hinohara, M.D., Tokai University Hospital,  
   Kanagawa, Japan
3) J. Barboccia, M.D., ??? Department of Family and  
   Community Medicine, University of California, San  
   Francisco

SESSION III: Special Topics in Laboratory Analysis

Co-chairmen:  C. Fraser (M.D. ?), Department of  
              Biochemical Medicine, Ninewells  
              Hospital, Ninewells, Dundee,  
              Scotland, U.K.  
              M. Horder, Professor of Clinical  
              Chemistry, Odense University  
              Hospital, Odense University,  
              Odense, Denmark

Principal Speakers

Topics will include analytical goals for quality, esp. as  
related to within person variability or math, models of  
physiological processes.

1) C. Frazer, (M.D. ?)  
2) M. Horder, (M.D. ?)  
3) T.D. Geary, (M.D. ?), Head of Clinical Chemistry,  
   Institute of Medical and Veterinary Science,  
   Adelaide, South Australia

Discussants

1) J. Westgard, Ph.D., Department of Medicine,  
   Pathology and Clinical Laboratories, University  
   of Wisconsin, Center for Health Science,  
   WMadison, Wisconsin, U.S.A.
2) H. Kiyose, M.D., Director of Clinical  
   Laboratories, Mitsui Memorial Hospital, Tokyo
3) Unknown
SESSION IV: Information Processing of Clinical Laboratory Data

Co-chairmen: P. Sher, M.D., Director of Clinical Laboratories, University Hospital, New York University Medical Center, New York, U.S.A. W. Schneider, Ph.D., Director, Uppsala Datacentral, Uppsala, Sweden

Principal Speakers
Topics to include laboratory automation, information display and communication, statistical methodology, application of artificial intelligence methods.

1) P. Sher, M.D.
2) W. Schneider, Ph.D.
3) H. Miyake, M.D., Director, Laboratory of Medical Informatics, Medical Information Research Institute, The Kanto Teishin Hospital, Tokyo

Discussants
1) T. Yasaka, Ph.D.
2) E.K. Harris, Ph.D.
3) A. Albert, Ph.D.

SESSION V: Industrial Products and Applications

Co-Chairmen: G. Siest, Nancy, France G. Suganuma, President of Isoken, Tokyo

GENERAL DISCUSSANT(S):
(1) Dr. J. Zvarova, Praha, Czechoslovakia

* This programs are as of 1st of April, 1985. Intensive revisions have been made since then.
Other Lectures or Address

**Evening, Session:** First day evening

**Special Lecture:** Brief Review of Homeostasis
Per Lous, M.D., Professor, University of Copenhagen, Bispebjerg Hospital, Department of Clinical Chemistry, Copenhagen, Denmark

**Lunchon:** Second Day

**Special Lecture:** Current Arts and Science of Medical Informatics in Japan (tentative subject)
S. Kaihara, Director, Information Processing Department, Tokyo University Hospital
Vice-President I.M.I.A.

**Banquet:** Second day evening

**Banquet Address:** Greeting from the host country and thoughts on progress of medical informatics
M. Ohshima, M.D., President of Medical Information System Development Center
President of Japan Society for Medical Informatics

**Special Lecture:** Unknown
L. Breslow, M.D., U.S.A.