

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.

P R O G R A M (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.

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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.

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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.