

Contents

Preface v

Participants and Observers vi

I. SCREENING FOR COLORECTAL CANCER

1 Summary of the State of the Art

ANTHONY B. MILLER

Review of Sigmoidoscopic Screening for Colorectal Cancer 3

B. J. FLEHINGER, E. HERBERT, S. J. WINAWER, D. G. MILLER

Screening for Colorectal Cancer with Fecal Occult Blood Test and Sigmoidoscopy: Preliminary Report of the Colon Project of Memorial Sloan-Kettering Cancer Center and PMI-Strang Clinic 9

JACK S. MANDEL, JOHN BOND, DALE SNOVER, STAN

WILLIAMS, MARY BRADLEY, CHARLES WALKER, LEONARD M. SCHUMANN, VICTOR GILBERTSEN

The University of Minnesota's Colon Cancer Control Study: Design and Progress to Date 17

J. CHAMBERLAIN, J. D. HARDCASTLE, N. ARMITAGE, S. M.

MOSS, T. DYSON, C. MANGHAM

Progress Report on a Randomized, Controlled Trial of Screening for Colorectal Cancer in Nottingham, England 25

J. KEWENTER, S. BJÖRCK, E. HAGLIND, O. JONSSON,

J. SVANVIK, CH. SVENSSON

A Controlled Trial of Occult Blood Screening for Colorectal Neoplasm: A Comparison Between Rehydrated and Nonrehydrated Hemoccult II Slides 33

OLE KRONBORG, CLAUS FENGER, JØRN OLSEN, KJELD

MØLLER PEDERSEN, OLE SØNDERGAARD

Preliminary Report on a Randomized Trial of Screening for Colorectal Cancer with Hemoccult II 41

PHILIP C. PROROK

Mathematical Models in Colorectal Cancer Screening 45

Discussion on Screening for Colorectal Cancer 53

II. SCREENING FOR STOMACH CANCER

63 Summary of the State of the Art

AKIRA OSHIMA

Screening for Stomach Cancer: The Japanese Program 65

MATTI HAKAMA and EERO PUKKALA

Evaluation of an Immunological Screening for Stomach
Cancer 71

Discussion on Screening for Stomach Cancer 77

III. SCREENING FOR PRIMARY LIVER CANCER

79 Summary of the State of the Art

SUN TSUNG-TANG, YU HONG-TIAO, HSIA CHU-CHIEH, WANG

NENG-JIN and HUANG XING-YAO

Evaluation of Sero-Survey Trials for the Early Detection of
Hepatocellular Carcinoma in Areas of High Prevalence 81

Discussion on Screening for Liver Cancer 87

IV. SCREENING FOR ESOPHAGEAL CANCER

89 Summary of the State of the Art

A. GRASSI and M. CRESPI

Screening for Esophageal Cancer 91

Discussion on Screening for Esophageal Cancer 101

Subject Index 103