

Contents

Faculty	XV
Introduction	XVII
Welcome Address by L.P. Krall	XIX
Welcome Address by S. Tandhandan	XXI
Opening Remark and Course Objective by S.C. Bunag	XXIII
SESSION I: Identification and Diagnosis of Diabetes	1
Chairpersons: U. Sukaton, A. Arky	
The problem with diabetes; An overview..... <i>L.P. Krall</i>	3
Diagnosis and classification of diabetes mellitus	8
<i>J.S. Bajaj</i>	
Pathophysiology of diabetes mellitus	15
<i>A. Arky</i>	
Today's research efforts for better living tomoorw	17
<i>A. Arky D.A. Pyke</i>	
Diabetes in Arean Countries as compared with Western Nations and other areas of the world..... <i>P. Zimmet</i>	19
Evidence of environmental risk factors for diabetes from Pacific Studies ..	25
<i>H. King, P. Zimmet.</i>	
SESSION II: The Treatment of Diabetes	35
Chairpersons: J.S. Bajaj, B.E. Mustaffa	
Objective of treatment, Why control diabetes mellitus?	37
<i>A. Arky</i>	
Principle and application of diet in diabetes mellitus..... <i>V. Tanphaichitr</i>	40
Insulin Available types and their uses in regulations:..... <i>K.G.M.M. Alberti</i>	44
Problems and complications of insulin therapy	46
<i>P.B. Yeo</i>	
Oral hypoglycemic drugs; Their use and abuse	55
<i>A.D. Litonjua</i>	
Exercise Physiology..... <i>T. Flood</i>	62
Malnutrition diabetes	67
<i>J.S. Bajaj</i>	

SESSION III: The Acute Problems of Diabetes	77
Chairpersons: <i>J. Hoet, P.B. Yeo</i>	
The hypoglycemias of diabetes mellitus	79
<i>Y. Uahwatanasakul</i>	
The Common Coma; Ketoacidosis and Hyper Osmolar	84
<i>K.G.M.M. Alberti</i>	
Lactic acidosis.	88
<i>M.H. Tan</i>	
Infections in diabetes	90
<i>J. S. Cheah</i>	
Laboratory and Clinical tools for Diagnosis and Treatment of Diabetes	101
<i>K.G.M. Alberti</i>	
SESSION IV: The Chronic problems of Diabetes (long term problems)	103
Chairpersons: <i>D. Pyke, A.D. Litonjua</i>	
Retinopathy; The terrifying complication	105
<i>L.P. Krall</i>	
Diabetic Nephropathy; The costly complication	111
<i>T.Flood</i>	
Neuropathy; the annoying ploblems	118
<i>K.G.M.M. Alberti</i>	
Diabetes mellitus, lipid disorders and obesity	120
<i>A. Arky</i>	
Vascular complications of diabetes mellitus	122
<i>M.H. Tan</i>	
Diabetes management in surgery	124
<i>B.E. Mustaffa</i>	
SESSION V: Life Cycle Problems'	131
Chairpersons: <i>D. Etzwiler, Y. Uahwatanasakul</i>	
Diabetes and pregnancy.	133
<i>J. Hoet</i>	
Increased incidence of Type I diabetes in children of older mothers . . .	139
<i>T. Flood</i>	
The young diabetic; Is this a problem in developing nations?	142
<i>D. Etzwiler</i>	
Problems of aging diabetic.	145
<i>S.C. Bunnag</i>	
The cutaneous manifestation of diabetes mellitus	153
<i>N. Noppakun</i>	

SESSION VI : Diabetes Today and Tomorrow.....	163
Chairpresons: <i>Y. Goto, B. Y. Tan, Z. Skrabalo, S.C. Bunnag</i>	
First encounters with diabetes	165
<i>L.P. Krall</i>	
The importance of education	168
<i>D. Etzwiler</i>	
Problems of diabetic patient	171
<i>J.A. Tambyah</i>	
Commonly used medication, their effect on diabetes mellitus.....	174
<i>P. Plengvidhya</i>	
