History of Nephrology 3

Reports from the Second Congress of the International Association for the History of Nephrology, Padova, Italy, October 4–7, 1998

Guest Editors
Garabed Eknoyan, Houston, Tex.
Augusto Antonello, Padova
Natale G. De Santo, Naples
Lorenzo Calò, Padova
Shaul G. Massry, Los Angeles, Calif.

163 figures, 16 in color and 27 tables, 1999
Drug Dosage

The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.
Contents

Introduction

99 On Progress in the History of Nephrology
Eknoyan, G.; Antonello, A.; De Santo, N.G.; Calò, L.; Massry, S.G.

Origins of Nephrology – Magic, Myth and Science

101 The Metaphorical and Mythical Use of the Kidney in Antiquity
Maio, G. (Lübeck)

107 Saint Marina: The Protectress of Nephrology
Eftychiadis, A.C.; Marketos, S.G. (Athens/Kos)

111 The Medicinal Use of Urine
Hörl, W.H. (Vienna)

114 Exorcisms Used for Treatment of Urinary Tract Diseases in Greece during the Middle Ages and Renaissance
Diamandopoulos, A. (Patras)

125 The Contribution of Nephrology to the Development of Current Concepts of Disease
George, C.R.P. (Sydney)

Origins of Nephrology – Antiquity

133 The Future of the Realm: Medicine and Divination in Ancient Syro-Mesopotamia
Mujais, S. (Deerfield, Ill.)

140 The Kidney in Ancient Egyptian Medicine: Where Does It Stand?
Salem, M.E. (Cairo); Eknoyan, G. (Houston, Tex.)

148 Pre-Columbian Medicine and the Kidney
Peña, J.C. (México)

155 Edema in the Corpus Hippocraticum
Touwaide, A. (Madrid); De Santo, N.G. (Naples)

159 Uroporphyria: Some Notes on Its Ancient Historical Background
Gazzaniga, V. (Rome)
163 Treatment of Renal Stones in Bulgaria in Ancient Times (‘Hissarya’ Baths)
Nenov, D.; Nenov, V. (Varna); Lazarov, G.; Tchepilev, A. (Sofia)

Origins of Nephrology – Middle Ages, Renaissance

165 Theophilus’ Auctoritas: The Role of De urinis in the Medical Curriculum of the 12th–13th Centuries
Angeletti, L.R.; Gazzaniga, V. (Rome)

172 Kidney Disease in Byzantine Medical Texts
Poulakou-Rebelakou, E.; Marketos, S.G. (Athens/Kos)

177 The Academy of Science of Bologna and the Kidney
Bonomini, V.; Campieri, C.; Zuccoli, M. (Bologna)

182 Water and Its Effects when Drunk Cold. The Physician’s View (1576–1751)

185 Observations on the Liber medicine orinalibus by Hermogenes
Iorio, L.; Avagliano, F. (Cassino)

189 Gentile da Foligno, a Pioneer of Cardionephrology: Commentary on Carmina de urinarum iudiciis and De pulsibus
Timio, M. (Foligno)

Contributions of Padua to Nephrology (Dedicated to Arturo Borsatti)

193 Bartolomeo Eustachio: A Pioneer in Morphological Studies of the Kidney
Mezzogiorno, A.; Mezzogiorno, V. (Naples)

199 Berengario da Carpi
De Santo, N.G.; Bisaccia, C.; De Santo, L.S.; De Santo, R.M.; Di Leo, V.A.; Papalia, T.; Cirillo, M.; Touwaide, A. (Naples/Madrid)

213 Jewish Medicine and the University of Padua: Contribution of the Padua Graduate Toviah Cohen to Nephrology
Massry, S.G.; Smogorzewski, M. (Los Angeles, Calif.); Hazani, E.; Shasha, S.M. (Nahairya)

222 Giovan Battista Morgagni, a Pioneer of Clinical Nephrology

226 Santorio Sanctorius (1561–1636) – Founding Father of Metabolic Balance Studies
Eknoyan, G. (Houston, Tex.)

Origins of Renal Physiology (Dedicated to Carl Gottschalk)

235 Carl Gottschalk – Physiologist, Bibliophile and Historian of Nephrology
Cameron, J.S. (London)

243 History of Renal Physiology in Germany during the 19th Century
Hierholzer, K. (Berlin); Ullrich, K.J. (Frankfurt/Main)

257 British Contributions to Renal Physiology: Of Dynasties and Diuresis
Fine, L.G. (London)

266 Origins of Renal Physiology in the USA
Giebisch, G.; Berliner, R.W. (New Haven, Conn.)

274 The Contribution of French-Speaking Scientists to the Origins of Renal Physiology and Pathophysiology (1790–1910)
Richet, G. (Paris)
282 The Low Countries – 16th/17th Century

290 Vitalism and Synthesis of Urea. From Friedrich Wöhler to Hans A. Krebs
Kinne-Saffran, E.; Kinne, R.K.H. (Dortmund)

Origins of Nephrology – The Modern Era

295 Evolution of Nephrology, The Caldron of Its Organizations
Schrainer, G.E. (Great Falls, Va.)

304 Contributions of Camillo Golgi to Renal Histology and Embryology
Dal Canton, I.; Calligaro, A.L.; Dal Canton, F.; Frosio-Roncalli, M.; Calligaro, A. (Pavia)

308 Renal Growth Factors: Past, Present and Future
Schena, F.P.; Strippoli, G.F.M.; Wankelmuth, P. (Bari)

313 A History of Eclampsia, Toxemia and the Kidney in Pregnancy
Purkerson, M.L.; Vekerdy, L. (St. Louis, Mo.)

320 Hyposthenuria: Sándor Korányi’s Concept of Renal Insufficiency
Sonkodi, S. (Szeged)

323 Inference of the Existence of High Blood Pressure as a Cause of Renal Disease in the Mid-19th Century: Observations on Vascular Structures in the Kidney
Newton, N.M.; Fine, L.G. (London)

333 Experimental Nephritis: One of the Earliest Publications on the Subject by a Pioneer of Neohippocratism
Marketos, S.G.; Koutras, D.A. (Athens/Kos)

336 Diagnosis of Renal Disease at the Beginning of the 20th Century
Cioffi, M.; Esposito, L.; De Santo, D.; Giannattasio, P.; Cappabianca, F.; Mangiacapra, S.; Materiale, T.; Conte, G. (Naples)

340 The History of Science: Defending Epistemology with New Technologies
Aliotta, G.; De Angelis, G.; De Santo, N.G.; Sepe, J.; Stingo, V. (Naples)

343 Josep Trueta (1897–1977): Military Surgeon and Pioneer Investigator of Acute Renal Failure
Better, O.S. (Haifa)

History of Dialysis and Transplantation

346 A Note on the Early History of Renal Transplantation: Emerich (Imre) Ullmann
Nagy, J. (Pécs)

350 The Early Years of Chronic Dialysis: The Seattle Contribution
Blagg, C.R. (Seattle, Wash.)

355 Artificial Dialysis Membranes: From Concept to Large Scale Production
Vienken, J. (Bad Homburg); Diamantoglou, M.; Henne, W. (Wuppertal); Nederlof, B. (Bad Homburg)

363 Author Index
364 Subject Index