

Kidney: Nephrology and therapeutics

Michael F Michelis

Lenox Hill Hospital, USA

Abstract

Patients with the advanced renal disease have become more complicated and factors such as complex associated conditions, aging, increasing numbers of available pharmacologic agents and improvement in renal replacement therapies have made decision making more challenging. Subjects evaluated include proper approaches to blood pressure therapy in patients with pre, inter or intra dialysis blood pressure abnormalities. Medication characteristics outlined and the effects of various drugs as they relate to the dialysis procedure have been described. Also, metabolic issues such as approaches to hyperuricemia and metabolic acidosis have been reviewed and discussed. New agents and their benefits and limitations noted and present goals of therapy reviewed. Furthermore, the effects of increased body mass and glucose intolerance on survival, as well as possible corrective measures, elucidated. New approaches to glucose control and current blood pressure goals will be discussed. Finally, current approaches to renal replacement therapy will be reviewed and the importance of the timing of interventions and the choice of access and modality will receive consideration. These issues apply particularly to patients of advanced age. Factors influencing such decisions will be presented and critically evaluated.

Biography:

Michael F Michelis has been the Director of the Division of Nephrology at Lenox Hill Hospital for more than three decades. He is Professor of Medicine at the Zucker School of Medicine at Hofstra/Northwell. He received a BA at Columbia College, Columbia University in New York City, and his MD at George Washington School of Medicine in Washington, DC. He received his Nephrology Training at the University of Pittsburg, School

of Medicine. He has been selected for inclusion in the listing of Top Doctors in New York for the past several years. He is the co-editor of several medical textbooks, and he has published dozens of articles in the area of general nephrology, electrolyte disorders, hypertension, and geriatric renal diseases. He has lectured extensively throughout the United States, Hawaii, Japan, and in various European cities. He has served on the Editorial Board of several medical journals, and he also reviews articles for established journals in Nephrology. He has received many awards and lectureships for his work in nephrology.