

15<sup>th</sup> Annual Congress on

# Kidney: Nephrology & Therapeutics

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### Update on management issues in patients with advanced renal disease

As patients with advanced renal disease become more complicated with time, due to factors such as complex associated conditions, aging, increasing numbers of available pharmacologic agents and improvement in renal replacement therapies, decision making has become more challenging. Subjects to be evaluated will include proper approaches to blood pressure therapy in patients with pre, inter or intra dialysis blood pressure abnormalities. Medication characteristics will be outlined and the effects of various drugs as they relate to the dialysis procedure will be described. Also metabolic issues such as approaches to hyperuricemia and hyperphosphatemia will be reviewed and discussed. New agents and their benefits and limitations will be noted and present goals of therapy will be reviewed. Furthermore the effects of increased body mass and glucose intolerance on survival as well as possible corrective measures will be elucidated. Recent concerns regarding enzymatic predispositions to obesity will be described and possible solutions to these newly recognized abnormalities will be offered. 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. Current standards as proposed by various nephrologic entities may not be appropriate for particular age groups with serious comorbidities. 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 Clinical Professor of Medicine at the New York University, School of Medicine. He received a BA at Columbia College, Columbia University in New York City, and his MD Degree at George Washington School of Medicine in Washington DC. He received his Nephrology Training at the University of Pittsburgh, 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 disease. 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.

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