Contributions to Nephrology

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Claudio Ronco  Vicenza
Hemodialysis – From Basic Research to Clinical Trials

Volume Editors

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Contents

IX Preface
Ronco, C.; Cruz, D.N. (Vicenza)

Dialysis Technology

1 Water Treatment for Dialysis: Technology and Clinical Implications
Hoenich, N.A. (Newcastle upon Tyne); Levin, R. (New York, N.Y.)

7 Dialysate Composition
Viganò, S.M.; Di Filippo, S.; Manzoni, C.; Locatelli, F. (Lecco)

Vascular Access

12 Challenge for the Interventional Nephrologist: Monitoring the Arteriovenous Fistula
Campos, R.; Riella, M.C. (Paraná)

23 Preoperative Hemodialysis Fistula Evaluation: Angiography, Ultrasonography and Other Studies, Are They Useful?
Weitzel, W.F. (Ann Arbor, Mich.)

30 Endovascular Procedures
Asif, A. (Miami, Fla.)

39 Optimal Management of Central Venous Catheters for Hemodialysis
Epidemiology and Practice

48 Trends in Medication Use and Clinical Outcomes in Twelve Countries: Results from the Dialysis Outcomes and Practice Patterns Study (DOPPS)
Tentori, F. (Ann Arbor, Mich.)

55 Epigenetics and the Uremic Phenotype: A Matter of Balance
Stenvinkel, P.; Ekström, T.J. (Stockholm)

63 The Burden of Cardiovascular Disease in Patients with Chronic Kidney Disease and in End-Stage Renal Disease
Zoccali, C. (Reggio Calabria)

Inflammation

68 BNP and a Renal Patient: Emphasis on the Unique Characteristics of B-Type Natriuretic Peptide in End-Stage Kidney Disease
Haapio, M. (Helsinki); Ronco, C. (Vicenza)

76 Potential Interplay between Nutrition and Inflammation in Dialysis Patients
Kuhlmann, M.K. (Berlin); Levin, N.W. (New York, N.Y.)

83 Microinflammation and Endothelial Damage in Hemodialysis

89 Oxidative Stress and Anemia in Chronic Hemodialysis: The Promise of Bioreactive Membranes
Cruz, D.N.; de Cal, M.; Ronco, C. (Vicenza)

Fluid Management

99 Consequences of Overhydration and the Need for Dry Weight Assessment

108 Body Composition and Outcomes in Chronic Hemodialysis Patients
Hirachan, P.; Thijssen, S.; Levin, N.W.; Kotanko, P. (New York, N.Y.)

115 Whole-Body Spectroscopy (BCM) in the Assessment of Normovolemia in Hemodialysis Patients
Wizemann, V.; Rode, C.; Wabel, P. (Bad Homburg)

119 Blood Volume Monitoring
Winkler, R.E.; Pätow, W.; Ahrenholz, P. (Rostock)

Contents VI
Uremic Toxicity

125 From Uremic Toxin Retention to Removal by Convection: Do We Know Enough?
Vanholder, R.; Meert, N.; Schepers, E.; Glorieux, G. (Gent)

132 Oxidative Stress in Hemodialysis
Himmelfarb, J. (Portland, Me.)

138 Determinants of Insulin Resistance and Its Effects on Protein Metabolism in Patients with Advanced Chronic Kidney Disease
Siew, E.D.; Ikizler, T.A. (Nashville, Tenn.)

Treatment Efficacy

145 What Is Important in Dialysis? The Frequency of Treatment Sessions
Lindsay, R.M. (London, Ont.)

154 Treatment Time
Chazot, C.; Jean, G. (Tassin)

162 Membrane Characteristics
Viganò, S.M.; Di Filippo, S.; Manzoni, C.; Locatelli, F. (Lecco)

Gotch, F. (New York, N.Y.)

178 Cross-Membrane Flux Is a Major Factor Influencing Dialysis Patient Outcomes

Advanced Techniques

185 Inflammatory Pattern in Hemodiafiltration
Panichi, V.; Paoletti, S.; Consani, C. (Pisa)

191 Online Hemodiafiltration: A Multipurpose Therapy for Improving Quality of Renal Replacement Therapy

199 Biofeedback-Driven Dialysis: Where Are We?
Santoro, A.; Ferramosca, E.; Mancini, E. (Bologna)

Calcium/Phosphate Homeostasis

210 Calcium and Phosphorus Kinetics in Hemodialysis Therapy
Gotch, F. (New York, N.Y.)
215 Impact of Ca/P Disorders on Risks and Comorbidities
Messa, P. (Milan)

222 Diagnostic Procedures and Rationale for Specific Therapies in Chronic Kidney Disease-Mineral and Bone Disorder
Bover, J.; Canal, C.; Marco, H.; Fernandez-Llama, P.; Bosch, R.J.; Ballarín, J. (Barcelona)

234 Preventive Measures and New Pharmacological Approaches of Calcium and Phosphate Disorders
Cozzolino, M.; Galassi, A.; Pasho, S., Fallabrino, G.; Gallieni, M.; Brancaccio, D. (Milan)

Correction of Anemia

240 Insights in Anemia Management
de Francisco, A.L.M.; Piñera, C. (Santander)

247 Red Blood Cell Lifespan, Erythropoiesis and Hemoglobin Control

255 New Erythropoiesis-Stimulating Agents: How Innovative Are They?
Del Vecchio, L.; Locatelli, F. (Lecco)

261 Is the Advent of Biosimilars Affecting the Practice of Nephrology and the Safety of Patients?
Ronco, C. (Vicenza)

271 Author Index

272 Subject Index
The 17th Annual International Vicenza Course on Hemodialysis has yet another exceptional group of speakers and we are excited that this volume of *Contributions to Nephrology* is ready to guide attendees through the event and serve as a valuable tool for the future. All contributions have been collected and published in this volume as a result of the effort of all authors and the team of the Department of Nephrology at San Bortolo Hospital in Vicenza.

Hemodialysis today moves towards innovative techniques, biomaterials and devices with an absolute need for solid evidence around every new treatment or technology. Based on this concept, the course and this book are focused on innovative technology and new therapies from bench to bedside. The continuous effort to improve patient care follows the complex pathway from basic research to clinical trials. We have devoted a good deal of time to the topic of uremic toxins with contributions dealing with this puzzling problem from different points of view. Other emphasized areas include cardiovascular disease examined in its many facets and vascular access. As always, significant attention is placed on the physiological undertakings of treatments. Part of the program deals with practical questions in the dialysis unit. We are privileged to have such a superior group of speakers who can elaborate on these issues and discuss controversies that arise in the world of hemodialysis. Special attention has been placed on the problems of calcium and phosphate disorders, on the management of anemia, and finally on different biological disorders affecting the patients on dialysis. Once more, all these aspects are debated in light of international surveys, objective expert evaluation and recent clinical trials.
We consider this publication to be a useful supplement to the lectures presented at the three-day Vicenza course, but also a useful tool for future consultation by the clinician and all who are involved in the care of hemodialysis patients. We truly appreciate the help of the members of the faculty who have made this possible by submitting their manuscripts in advance.

Our sincere thanks go to Anna Saccardo and Ilaria Balbo who worked in Vicenza on the final arrangement of the course. A special thanks to Karger for the usual outstanding quality of the publication.

We hope that the readers will enjoy the book and will consider it a companion for daily clinical practice as well as for research.

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