

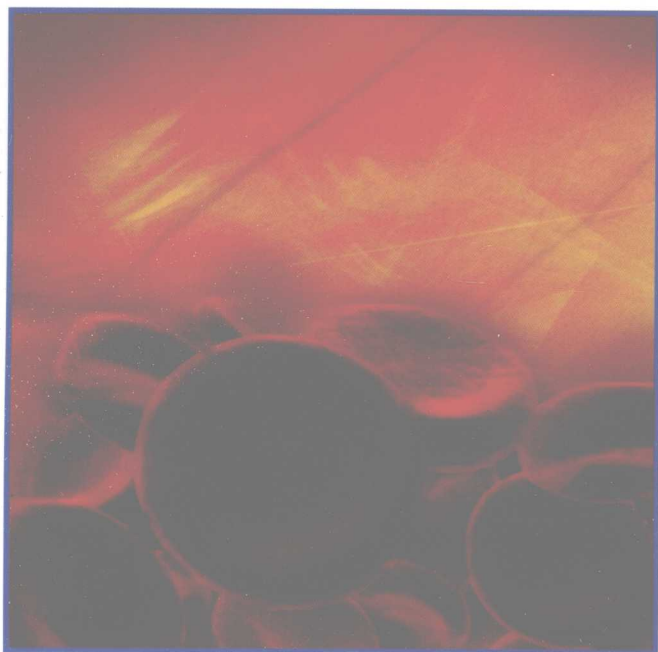
第 4 版

# 透析手册

## Handbook of Dialysis

原 著 John T. Daugirdas  
Peter G. Blake  
吴兆涛

主 译 张小东



人民卫生出版社

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Handbook of Dialysis

## 第 4 版

原 著 John T. Daugirdas, MD

芝加哥依利诺伊司大学临床医学教授

Peter G. Blake, MB, FRCPC, FRCPI

西安大略大学肾脏病学主任

伦敦健康医学中心医学教授

吴兆涛 (Todd S. Ing), MD

Stitch 医学院医学系医学荣誉退休教授

芝加哥 Loyola 大学

荣军医院内科医生

主 译 张小东 医学博士 主任医师 教授

首都医科大学附属北京朝阳医院肾移植中心

副主译 王世相 医学硕士 主任医师

首都医科大学附属北京朝阳医院血液净化中心

刘 航 医学硕士 副主任医师

首都医科大学附属北京朝阳医院肾移植中心

王雁德 主任医师

吉林油田总医院透析中心

译 者 (按章节顺序)

刘 航 杨学贞 王 玮 李晓北 胡小鹏 李 寒

尹 航 张 勇 张 鹏 张 宁 徐 晨 王 勇

任 亮 杨晓勇 杨旭东 李 强 杨 毅 善 辉

张际青 张国珍 杜瑞勇 汤星星 陈兴海 李世海

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**John T. Daugirdas et al, 4<sup>th</sup> ed.**

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# 前 言

自《透析手册》第三版首次印刷至今已经过去5年了，在这期间，这本书已经被翻译为包括汉语、日语及俄语在内的许多种文字。我们为这本书在国际上备受关注而感到极大的荣幸。在编撰本书第四版的过程中，我们采纳了当今在国际上被广泛应用的一些肾脏病学概念。KDOQI指南正在被引入KDIGO，而实践的模式也变得更加的统一。美国与国际肾脏病学界的差异仍然存在，但国际经验正在丰富着我们的知识以及实践的基础。正因为备受其他国家的关注，故而在第四版中所有的测量数值和举例均采用英制单位和国际单位两种。本书有一章是关于血液渗滤的，这种疗法在美国仅作为慢性治疗的手段，而在其他发达国家却被广泛应用。

自本书第三版面世以来，透析领域已经取得极大的发展。透析前阶段，1~4期慢性肾病（CKD）较前更为受到关注。相应地，这个领域的研究也达到了一个新的深度。在以前的版本中，对于组织中液体滞留的透析疗法只是有一个大致的总结，而在这一版中，由于采用超纯透析液而使患者的预后有明显改善，这种方法备受推崇，并对其加以了详尽的讨论。在血管通路的维持领域也取得了重大的进步，特别是维持患者的动静脉瘘，而这些患者之前可能仅是通过做静脉导管或是血管移植物维持其血管通路。这些相关章节被完全重新编写，血管通路部分被分为两章，一章描述了导管，而另外一章是关于动静脉瘘和血管移植物的。

持续性治疗的进步主要是由于新的仪器的出现。一些早期的、需要操作者自己动手的CRRT仪器及用法在这里被删除。我们新增加了一章的内容是如何进行短的日间或是长的夜间透析；在美国及美国以外的地区，进行频率更高的透析计划的需求正变得越来越常见。自上一版以来，腹膜透析被发现具有越来越多的优势，而其支持者现在已经较少注意剂量而是更多的关注于葡萄糖的负荷和超滤。

目前使用新的含可替换性渗透物质的腹透液正变得越来越常见。回顾这一领域时，我们的欧洲同行给予了相当的帮助。自上一版以来对于骨病的认识 and 如何控制高磷血症以及甲状旁腺功能亢进已经取得了巨大的进步，这些新的信息，其中包括最新的指南，也被包括在本书中并被加以着重的讨论。在每一章中，我们都力图引进可得到的最新的信息和自 2006 年以来的 KDOQI 治疗指南中的信息。在许多章节之后附带的网址就表明本书中的发现和治理是成稿时最新的。

尽管信息大爆炸在医学的各个领域仍在继续，但我们仍尽量使这本透析手册可以发挥其独特的作用，它可以解释各领域的最基本的问题，也包含诸如较高层次的进展等理解性内容，以及在实用层次所进行的讨论。像《透析手册》这种读物，对于肾脏病学界无论是新人还是经验丰富的学者均是可以依赖的参考，它可以帮助他们应对困难的工作，并为他们的患者提供最好的服务。

**John T. Daugirdas, MD**

**Peter G. Blake, MB, FRCPC, FRCPI**

**吴兆涛, MD**

# 编者名单

---

**Suhail Ahmad, MD** *Associate Professor of Medicine, University of Washington; Medical Director, Scribner Kidney Center, Seattle, Washington*

**Michael Allon, MD** *Professor of Medicine, Department of Nephrology, University of Alabama at Birmingham; Medical Director of Dialysis, University of Alabama Hospital, Birmingham, Alabama*

**Shubha Ananthakrishnan, MD** *Fellow in Nephrology, Section of Nephrology, Kaiser Permanente Medical Center, San Francisco, California*

**Stephen R. Ash, MD, FACP** *Chairman and Director of Research and Development, HemoCleanse, Inc. and Ash Access Technologies, Lafayette, Indiana*

**Joanne M. Bargman, MD, FRCPC** *Professor of Medicine, University of Toronto; Staff Nephrologist and Director, Peritoneal Dialysis Unit, Department of Medicine, Division of Nephrology, University Health Network, Toronto, Ontario, Canada*

**Robert L. Benz, MD, FACP** *Clinical Professor of Medicine, Department of Internal Medicine and Nephrology, Thomas Jefferson Medical College, Philadelphia, Pennsylvania; Chief, Department of Nephrology, Lankenau Hospital and Main Line Hospitals, Wynnewood, Pennsylvania*

**Anatole Besarab, MD** *Wayne State University School of Medicine; Senior Staff, Department of Internal Medicine, Division of Nephrology, Henry Ford Hospital, Detroit, Michigan*

**Peter G. Blake, MB, FRCPC, FRCPI** *Professor of Medicine, University of Western Ontario; Chair of Nephrology, London Health Sciences Centre, London, Ontario, Canada*

**Adin Boldur, MD** *Attending Nephrologist, Kidney Specialists of Southern Nevada, Las Vegas, Nevada*

**Juan P. Bosch, MD** *Chief Medical Officer, Gambro AB, Stockholm, Sweden*

**Neil Boudville, MBBS, FRACP** *Senior Lecturer, School of Medicine and Pharmacology, University of Western Australia, Crawley WA; Nephrologist, Department of Renal Medicine, Sir Charles Gairdner Hospital, Perth WA, Australia*

## 2 编者名单

---

**Bernard Canaud, MD, PhD** *Professor of Nephrology, Montpellier II University—School of Medicine; Head, Nephrology, Dialysis and Intensive Care Unit, Lapeyronie Hospital, Montpellier, France*

**Joan P. Cannon, PharmD** *Assistant Professor, Department of Pharmacy Practice, University of Illinois at Chicago, College of Pharmacy, Chicago, Illinois; Infectious Disease Clinical Pharmacist, Pharmacy Service 119, Edward Hines, Jr. VA Hospital, Hines, Illinois*

**Ralph J. Caruana, MD** *Professor, Department of Medicine, Medical College of Georgia; Chief Medical Officer, Medical Staff Office, MCG Health Inc., Augusta, Georgia*

**Steven C. Cheng, MD** *Clinical Instructor, Department of Nephrology, Washington University School of Medicine; Attending Physician, Department of Nephrology, Barnes-Jewish Hospital, St. Louis, Missouri*

**Scott D. Cohen, MD** *Nephrology Fellow, Department of Medicine, George Washington University; Nephrology Fellow, Department of Medicine, George Washington University Hospital, Washington, District of Columbia*

**Daniel W. Coyne, MD** *Professor of Medicine, Department of Medicine, Washington University; Staff Physician, Barnes-Jewish Hospital, St. Louis, Missouri*

**John T. Daugirdas, MD** *Clinical Professor of Medicine, University of Illinois at Chicago, Chicago, Illinois*

**Andrew Davenport, MD, FRCP** *Honorary Senior Lecturer and Consultant Renal Physician, University College London Center for Nephrology, Royal Free Hospital, London, United Kingdom*

**Marc E. De Broe, MD, PhD** *Professor Emeritus, Faculty of Medicine, University of Antwerp, Wilrijk, Belgium*

**James A. Delmez, MD** *Professor of Medicine, Renal Division, Washington University School of Medicine; Physician, Renal Division, Barnes-Jewish Hospital, St. Louis, Missouri*

**Thomas Depner, MD** *Professor of Medicine, Department of Internal Medicine, University of California, Davis; Director of Dialysis Services, Department of Internal Medicine, University of California Davis Medical Center, Sacramento, California*

**Patrick C. D'Haese, PhD** *Faculty of Medicine, University of Antwerp, Wilrijk, Belgium*

**Steven Fishbane, MD** *Professor of Medicine, State University of New York at Stony Brook, School of Medicine, Stony Brook, New York; Chief, Department of Nephrology, Winthrop University Hospital, Mineola, New York*

- Michael J. Flanigan, MD** *Emeritus Professor of Medicine, Division of Nephrology, University of Iowa Carver College of Medicine, Iowa City, Iowa; Staff Physician, Division of Nephrology and Hypertension, Marshfield Clinic-Lakeland, Minocqua, Wisconsin*
- Eli A. Friedman, MD, MACP** *Distinguished Teaching Professor of Medicine, Department of Medicine, Downstate Medical Center; Director, Division of Renal Disease, Department of Medicine, University Hospital of Brooklyn, Brooklyn, New York*
- Susan Grossman, MD** *Associate Professor of Clinical Medicine, Department of Internal Medicine, New York College of Medicine, Valhalla, New York; Chief, Nephrology Division, Vice Chair, Department of Medicine, St. Vincent's Staten Island, Staten Island, New York*
- Raymond M. Hakim, MD, PhD** *Adjunct Professor of Medicine, Vanderbilt University; Chief Medical Officer, Renal Care Group, Nashville, Tennessee*
- Olof Heimbürger, MD, PhD** *Division of Renal Medicine, Department of Clinical Science, Intervention, and Technology, Karolinska Institute; Senior Physician and Director of Peritoneal Dialysis, Department of Renal Medicine, Karolinska University Hospital, Stockholm, Sweden*
- Joachim Hertel, MD, FACP** *Attending Physician, Department of Medicine, University Hospital, Augusta, Georgia*
- Nicholas Hoenich, PhD** *Lecturer, School of Clinical Medical Sciences, Newcastle University, Newcastle upon Tyne, United Kingdom*
- Vicenzio Holder-Perkins, MD, MPH** *Assistant Clinical Professor, Department of Psychiatry and Behavioral Sciences, George Washington University, School of Medicine, Washington, District of Columbia; Assistant Clinical Professor, Department of Psychiatry, INOVA Fairfax Hospital, Falls Church, Virginia*
- Susan Hou, MD** *Professor of Medicine, Department of Medicine, Stritch School of Medicine, Loyola University Chicago, Maywood, Illinois*
- T. Alp Ikizler, MD** *Associate Professor of Medicine, Department of Medicine and Nephrology, Vanderbilt University Medical Center, Nashville, Tennessee*
- Todd S. Ing, MD** *Professor Emeritus of Medicine, Department of Medicine, Stritch School of Medicine, Loyola University Chicago, Maywood, Illinois; Physician, Veterans Affairs Hospital, Hines, Illinois*



#### 4 编者名单

---

- Nuhad Ismail, MD** *Associate Professor of Medicine, Department of Medicine, Division of General Internal Medicine, Vanderbilt University School of Medicine, Nashville, Tennessee*
- Ravi Jayakaran, (MSc) B Tech (SA), B Ed, Pg DDT (Ind),** *Honorary Lecturer, Faculty of Health Sciences, Durban University of Technology, Durban, South Africa; Chief Clinical Technologist, Department of Nephrology, Johannesburg Hospital, Johannesburg, Gateng, South Africa*
- Allen M. Kaufman, MD** *Associate Professor of Medicine, Albert Einstein College of Medicine, Bronx, New York; Attending Physician, Department of Medicine, Beth Israel Medical Center, New York, New York*
- Jonathan Kay, MD** *Associate Clinical Professor of Medicine, Department of Medicine, Harvard Medical School; Director, Clinical Trials, Rheumatology Unit, Department of Medicine, Massachusetts General Hospital, Boston, Massachusetts*
- D. Kayichian, MD** *Assistant Clinical Professor of Medicine, Department of Medicine, University of California at Irvine School of Medicine, Orange, California*
- Paul L. Kimmel, MD** *Professor, Department of Medicine, George Washington University; Attending Physician, Department of Medicine, George Washington University Hospital, Washington, District of Columbia*
- Dobri D. Kiprof, MD, HP** *Chief, Division of Immunotherapy, Department of Medicine, California Pacific Medical Center, San Francisco, California*
- Petras V. Kisielius, MD, FACS** *Attending Physician, Department of Urology, Elmhurst Memorial Hospital, Elmhurst, Illinois*
- Chagriya Kitiyakara, MD, BS, MRCP (UK)** *Associate Professor, Department of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand*
- Stephen M. Korbet, MD** *Professor of Medicine, Department of Internal Medicine, Rush University Medical Center, Chicago, Illinois*
- Detlef Krieter, MD** *Senior Research Fellow, Department of Medicine, Division of Nephrology, University Hospital Würzburg; Nephrologist, Department of Medicine, Division of Nephrology, University Hospital Würzburg, Würzburg, Germany*
- Victoria Kumar, MD** *Associate Professor of Medicine, Department of Medicine, University of California Davis Medical Center, Davis, California*
- Kar Neng Lai, MD, DSc** *Yu Chiu Kwong Chair Professor of Medicine, Department of Medicine, University of Hong Kong; Chief of Medicine, Department of Medicine, Queen Mary Hospital, Hong Kong*

- David J. Leehey, MD** *Professor, Department of Medicine, Loyola University Medical Center, Maywood, Illinois; Staff Physician, Department of Medicine, Veterans Affairs Hospital, Hines, Illinois*
- Joseph R. Lentino, MD, PhD** *Professor, Department of Medicine, Loyola University Stritch School of Medicine, Maywood, Illinois; Chief, Infectious Diseases Section, Department of Medicine-Neurology Service, Veterans Affairs Hospital, Hines, Illinois*
- Nathan W. Levin, MD** *Professor of Clinical Medicine, Albert Einstein College of Medicine, Bronx, New York; Medical and Research Director, Department of Nephrology, Renal Research Institute, New York, New York*
- Robert Levin** *Corporate Technical Director, Renal Research Institute, New York, New York*
- Susie Q. Lew, MD, FACP, FASN** *Professor of Medicine, Department of Medicine, George Washington University; Attending Physician, Department of Medicine, George Washington University, Washington, District of Columbia*
- Philip Kam-Tao Li MD, FRCP, FACP** *Professor, Department of Medicine and Therapeutics, Chinese University of Hong Kong; Chief of Nephrology and Consultant, Department of Medicine and Therapeutics, Prince of Wales Hospital, Shatin, Hong Kong*
- Victoria S. Lim, MD** *Professor, Department of Internal Medicine, College of Medicine; Staff Physician, Department of Internal Medicine, University of Iowa Hospitals and Clinics, Iowa City, Iowa*
- Robert M. Lindsay, MD, FRCPC, FRCP (Edin), FRCP (Glasg), FACP** *Professor of Medicine, Department of Medicine, University of Western Ontario School of Medicine, London, Ontario, Canada*
- Susan R. Mendley, MD** *Associate Professor, Department of Pediatrics and Medicine, University of Maryland; Director, Department of Pediatric Nephrology, University of Maryland Hospital for Children, Baltimore, Maryland*
- Jennifer S. Messer, CHT, OCDT, CCNT** *ICU Nephrology Technologist, Department of Nephrology and Hypertension, The Cleveland Clinic, Cleveland, Ohio*
- Madhukar Misra, MD, FASN, FACP, FRCP (UK)** *Associate Professor, Department of Internal Medicine, Division of Nephrology, University of Missouri Columbia, Columbia, Missouri*
- Gihad E. Nesrallah, MD, FRCPC, FACP** *Adjunct Professor of Medicine, University of Western Ontario, London, Ontario; Staff Nephrologist, Division of Nephrology, Humber River Regional Hospital, Toronto, Ontario, Canada*

## 6 编者名单

---

**Anthony J. Nicholls, MB, FRCP** *Honorary Professor of Medicine, Peninsula Medical School; Consultant Nephrologist, Kidney Unit, Royal Devon and Exeter Hospital, Exeter, United Kingdom*

**Allen R. Nissenson, MD, FACP** *Professor of Medicine, Department of Nephrology, University of California, Los Angeles; Director, Dialysis Program, Department of Nephrology, David Geffen School of Medicine, Los Angeles, California*

**Chima Oleru, MD** *Fellow in Nephrology, Division of Nephrology and Hypertension, Beth Israel Medical Center, New York, New York*

**Emil P. Paganini, MD, FACP, FRCPC** *Professor of Medicine, Department of Nephrology and Hypertension; Section Head, Department of Dialysis and Extracorporeal Therapy, The Cleveland Clinic, Cleveland, Ohio*

**Biff F. Palmer, MD** *Professor of Internal Medicine, Director, Renal Fellowship Program, Department of Internal Medicine, Division of Nephrology, University of Texas Southwestern Medical School, Dallas, Texas*

**Shona Pendse, MD, MMSc** *Instructor in Medicine, Department of Medicine, Harvard Medical School; Associate Physician, Renal Division, Brigham and Women's Hospital, Boston, Massachusetts*

**Andreas Pierratos, MD, FRCPC** *Associate Professor, Department of Medicine, University of Toronto, Toronto, Ontario; Nephrologist, Department of Nephrology, Humber River Regional Hospital, Weston, Ontario, Canada*

**Mark R. Pressman, PhD** *Clinical Professor of Medicine, Department of Medicine, Jefferson Medical College, Philadelphia, Pennsylvania; Director, Sleep Medicine Services, Lankenau Hospital, Wynnewood, Pennsylvania*

**Sarah S. Prichard, MD** *Vice President, Global Medical/Clinical Affairs and Research, Baxter Healthcare-Renal, McGaw Park, Illinois*

**Michael V. Rocco, MD** *Professor, Department of Internal Medicine and Nephrology, Wake Forest University School of Medicine; Nephrologist, Department of Internal Medicine and Nephrology, North Carolina Baptist Hospital, Winston-Salem, North Carolina*

**Edward A. Ross, MD** *Associate Professor, Division of Nephrology, Hypertension, and Transplantation, University of Florida; Director, End-Stage Renal Disease Program, Division of Nephrology, Hypertension, and Transplantation, University of Florida and Shands Hospital, Gainesville, Florida*

**Mark J. Sarnak, MD, MS** *Associate Professor, Department of Medicine, Division of Nephrology, Tufts-New England Medical*

*Center; Associate Director, Research Training Program,  
Tufts-New England Medical Center, Boston, Massachusetts*

**Richard A. Sherman, MD** *Professor of Medicine, Department  
of Medicine, Division of Nephrology, UMDNJ-Robert Wood  
Johnson Medical School; Robert Wood Johnson University  
Hospital, New Brunswick, New Jersey*

**Ajay Singh, MD, MB, MRCP** *Associate Professor of Medicine,  
Harvard Medical School; Clinical Chief and Physician, Renal  
Division, Brigham and Women's Hospital, Boston,  
Massachusetts*

**Rita S. Suri, MD, FRCPC, FACP** *Assistant Professor,  
Department of Medicine, University of Western Ontario;  
Nephrologist, Department of Medicine, London Health  
Sciences Center, University of Western Ontario, London,  
Ontario, Canada*

**Cheuk-Chun Szeto, MD, FRCP (Edin)** *Senior Lecturer,  
Department of Medicine and Therapeutics, The Chinese  
University of Hong Kong; Senior Lecturer, Department of  
Medicine and Therapeutics, Prince of Wales Hospital, Shatin,  
Hong Kong*

**Boon Wee Teo, MD** *Assistant Professor, Department of  
Medicine, Yong Loo Lin School of Medicine, National  
University of Singapore; Associate Consultant, Department of  
Medicine, National University Hospital, Singapore*

**Antonios H. Tzamaloukas, MD** *Professor, Department of  
Medicine, University of New Mexico School of Medicine; Chief,  
Renal Section, Medicine Service (111C), New Mexico Veterans  
Affairs Health Care System, Albuquerque, New Mexico*

**N. D. Vaziri, MD, MACP** *Professor of Medicine, Physiology  
and Biophysics, Department of Medicine, University of  
California Irvine, Irvine, California; Chief, Division of  
Nephrology and Hypertension, Department of Medicine and  
Nephrology, University of California, Irvine Medical Center,  
Orange, California*

**Richard A. Ward, PhD** *Kidney Disease Program, University  
of Louisville, Louisville, Kentucky*

**Daniel E. Weiner, MD, MS** *Assistant Professor of Medicine,  
Tufts University School of Medicine; Nephrologist, Associate  
Medical Director, DCI-Boston, Division of Nephrology,  
Tufts-New England Medical Center, Boston, Massachusetts*

**James F. Winchester, MD, FRCP (Glas), FACP** *Professor of  
Clinical Medicine, Department of Medicine, Albert Einstein  
College of Medicine, Bronx, New York; Chief, Division of  
Nephrology, Beth Israel Medical Center, New York, New York*

## 8 编者名单

---

**Jack Work, MD,** *Professor, Department of Medicine, Emory University, Atlanta, Georgia*

**Edward T. Zawada, MD, MACP** *Professor Emeritus of Medicine, Department of Medicine, University of South Dakota School of Medicine, Sioux Falls, South Dakota*

**Carmine Zoccali, MD, FASN** *Postgraduate Professor of Nephrology, Messina, Catania and Palermo Universities; Director, Renal, Hypertension, and Transplant Unit, Reggio Cal Hospital; Research Group Leader, (Clinical Epidemiology and Pathophysiology of Renal Diseases and Hypertension, CNR-IBIM, National Research Council of Italy), Reggio Cal, Italy*

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# 第一部分

## 慢性肾脏疾病的治疗

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