



The American Journal of Kidney Diseases (ISSN 0272-6386) is published monthly by Elsevier Inc., 230 Park Avenue, Suite 800, New York, NY 10169-0901, USA. Periodicals postage paid at New York, NY and additional mailing offices.

POSTMASTER: Send address changes to *The American Journal of Kidney Diseases*, Elsevier, Journal Returns, Sheridan Warehouse, 860 Gitts Run Road, Hanover, PA 17331, USA. Editorial correspondence Rould be addressed to Harold I.

Editorial correspondence should be addressed to Harold I. Feldman, MD, MSCE, Editor-in-Chief. Email: ajkd@pennmedicine.upenn.edu.

Business correspondence (orders, claims, online, change of address): Please visit our Support Hub page https://service.elsevier.com for assistance or contact: United States and Canada: Telephone (800) 654-2452; Email: JournalsCustomerService-usa@elsevier.com/for print support); https://service.elsevier.com/app/home/supporthub/healthadvance/ (for online support). Europe, Africa, Middle East: Telephone 44 (0) 1865 843434; Email: JournalsCustomerServiceEMEA@elsevier.com. Asia and Australia: Telephone 65 6349-0222; Email: asiainfo@elsevier.com. Change of address notices, including both the old and new addresses of the subscriber, should be sent at least one month in advance.

Customer Service: Telephone 1-800-654-2452; outside the United States and Canada, 314-447-8871; fax 314-447-8029. Yearly subscription rates: United States and possessions: individual, \$802.00. All other countries: individual, \$1034.00. For all areas outside the United States and possessions, there is no additional charge for surface delivery. Student and resident: United States and possessions, \$401.00; all other countries, \$498.00. To receive student/resident rate, orders must be accompanied by name of affiliated institution, date of term, and the signature of program/ residency coordinator on institution letterhead. Orders will be billed at individual rate until proof of status is received. Single issues, both current and back, exist in limited quantities and are offered for sale subject to availability. Current prices are in effect for back volumes and back issues. Back issues sold in conjunction with a subscription are on a prorated basis. Prices are subject to change without notice. Checks should be made payable to Elsevier and sent to American Journal of Kidney Diseases, Elsevier Health Sciences Division, Subscription Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043.

Copyright © 2024, National Kidney Foundation. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means now or hereafter known, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher. Printed in the United States of America.

Permission may be sought directly from Elsevier's Global Rights Department in Oxford, UK: telephone 215-239-3804 or +44 (0)1865 843830, fax +44 (0)1865 853333. Requests may also be completed online via the Elsevier site (http://www.

 ${\it elsevier.com/authors/obtaining-permission-to-re-use-elsevier-material)}.$

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per-copy fee through the Copyright Clearance Center, Inc (222 Rosewood Dr, Danvers, MA 01923; (978) 750-8400) for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Absence of the code indicates that the material may not be processed through the Copyright Clearance Center, Inc. Reprints of single articles available online may be obtained by purchasing Pay-Per-View access for \$30 per article on the journal web site, http://www.ajkd.org.

Reprints: To order 100 or more reprints for educational, commercial, or promotional use, contact Derrick Imasa at 212-633-3874, Elsevier Inc., 230 Park Ave, Ste 800, New York, NY 10169-0901, USA. Fax: 212-462-1935; email: reprints@elsevier.com. Advertising representative: Jane Liss, Triple Threat Media, 630 Madison Avenue, Manalapan, NJ 07726. Telephone 1-732-890-9812.

The ideas and opinions expressed in the American Journal of Kidney Diseases do not necessarily reflect those of the National Kidney Foundation, the Editor, or the Publisher. Publication of an advertisement or other product mentioned in the American Journal of Kidney Diseases should not be construed as an endorsement of the product or the manufacturer's claims. Readers are encouraged to contact the manufacturer with any questions about the features or limitations of the products mentioned. Practitioners and researchers must always rely on their own experience and knowledge in evaluating and using any information, methods, compounds or experiments described herein. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made. To the fullest extent of the law, no responsibility is assumed by the publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

The contents of the *American Journal of Kidney Diseases* are indexed in *Index Medicus* and MEDLINE, Current Contents/Clinical Medicine, Science Citation Index, EMBASE/Excerpta Medica, ISI, and CINAHL.

The *American Journal of Kidney Diseases* home page is located at http://www.ajkd.org.