

ELSEVIER

1600 John F. Kennedy Boulevard • Suite 1800 • Philadelphia, Pennsylvania, 19103-2899

<http://www.thoracic.theclinics.com>

THORACIC SURGERY CLINICS Volume 31, Number 2

May 2021 ISSN 1547-4127, ISBN-13: 978-0-323-79345-2

Editor: John Vassallo (j.vassallo@elsevier.com)

Developmental Editor: Jessica Nicole B. Cañaberal

© 2021 Elsevier Inc. All rights reserved.

This periodical and the individual contributions contained in it are protected under copyright by Elsevier, and the following terms and conditions apply to their use:

Photocopying

Single photocopies of single articles may be made for personal use as allowed by national copyright laws. Permission of the Publisher and payment of a fee is required for all other photocopying, including multiple or systematic copying, copying for advertising or promotional purposes, resale, and all forms of document delivery. Special rates are available for educational institutions that wish to make photocopies for non-profit educational classroom use. For information on how to seek permission visit www.elsevier.com/permissions or call: (+44) 1865 843830 (UK)/(+1) 215 239 3804 (USA).

Derivative Works

Subscribers may reproduce tables of contents or prepare lists of articles including abstracts for internal circulation within their institutions. Permission of the Publisher is required for resale or distribution outside the institution. Permission of the Publisher is required for all other derivative works, including compilations and translations (please consult www.elsevier.com/permissions).

Electronic Storage or Usage

Permission of the Publisher is required to store or use electronically any material contained in this periodical, including any article or part of an article (please consult www.elsevier.com/permissions). Except as outlined above, no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the Publisher.

Notice

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. Because of rapid advances in the medical sciences, in particular, independent verification of diagnoses and drug dosages should be made.

Although all advertising material is expected to conform to ethical (medical) standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.

Thoracic Surgery Clinics (ISSN 1547-4127) is published quarterly by Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710. Months of publication are February, May, August, and November. Business and editorial offices: 1600 John F. Kennedy Boulevard, Suite 1800, Philadelphia, PA 19103-2899. Periodicals postage paid at New York, NY, and additional mailing offices. Subscription prices are \$397.00 per year (US individuals), \$858.00 per year (US institutions), \$100.00 per year (US students), \$464.00 per year (Canadian individuals), \$888.00 per year (Canadian institutions), \$100.00 per year (Canadian students), \$225.00 per year (international students), \$485.00 per year (international individuals), and \$888.00 per year (international institutions). Foreign air speed delivery is included in all Clinics' subscription prices. All prices are subject to change without notice.

POSTMASTER: Send address changes to Thoracic Surgery Clinics, Elsevier Health Sciences Division, Subscription Customer Service, 3251 Riverport Lane, Maryland Heights, MO 63043. **Customer Service (orders, claims, online, change of address): Telephone: 1-800-654-2452 (U.S. and Canada); 314-447-8871 (outside U.S. and Canada). Fax: 314-447-8029. E-mail: journalscustomerservice-usa@elsevier.com (for print support); journalsonline-support-usa@elsevier.com (for online support).**

Reprints. For copies of 100 or more, of articles in this publication, please contact Commercial Rights Department, Elsevier Inc., 360 Park Avenue South, New York, NY 10010-1710. Tel: 212-633-3874; Fax: 212-633-3820; E-mail: reprints@elsevier.com.

Thoracic Surgery Clinics is covered in MEDLINE/PubMed (Index Medicus), EMBASE/Excerpta Medica, Science Citation Index Expanded (SciSearch®), Journal Citation Reports/Science Edition, and Current Contents®/Clinical Medicine.

Printed in the United States of America.