



THE PRIMARY CARE COMPANION FOR CNS DISORDERS

VOLUME 23 ■ 2021 ■ PRIMARYCARECOMPANION.COM

BOARD OF EDITORS

Editor in Chief

Larry Culpepper, MD, MPH
Boston, MA

Deputy Editor

Pierre N. Tariot, MD
Phoenix, AZ

FOUNDING EDITOR

J. Sloan Manning, MD
Chapel Hill, NC

EDITORIAL BOARD

Robert L. Barkin, MBA, PharmD
Chicago, IL

E. Sherwood Brown, PhD, MD
Dallas, TX

Thomas L. Campbell, MD
Rochester, NY

Caroline Carney-Doebbeling, MD
Indianapolis, IN

Henry Chung, MD
New York, NY

Pamela D. Connor, PhD
Memphis, TN

Frank V. deGruy III, MD
Aurora, CO

Daniel E. Diamond, MD
Seattle, WA

Michael H. Ebert, MD
West Haven, CT

Abimbola Farinde, PharmD
Orange Beach, AL

Bradford L. Felker, MD
Seattle, WA

Kevin S. Ferentz, MD
Baltimore, MD

Robert L. Findling, MD
Baltimore, MD

Radwan F. Haykal, MD
Memphis, TN

Robert M. A. Hirschfeld, MD
New York, NY

W. Clay Jackson, MD, DipTh
Memphis, TN

Taranjeet S. Jolly, MD
Hershey, PA

David A. Katerndahl, MD
San Antonio, TX

Martin B. Keller, MD
Providence, RI

Michael S. Klinkman, MD
Ann Arbor, MI

Kurt Kroenke, MD
Indianapolis, IN

Joseph A. Lieberman III, MD
Wilmington, DE

Frank W. Ling, MD
Germantown, TN

Mack Lipkin, MD
New York, NY

Prakash S. Masand, MD
New York, NY

Robert M. McCarron, DO
Sacramento, CA

C. Brendan Montano, MD
Cromwell, CT

Andrew J. Muzyk, PharmD
Durham, NC

M. Kevin O'Connor, MD
Newark, NJ

Mark H. Pollack, MD
Chicago, IL

Jeffrey Rado, MD
Chicago, IL

Sarah K. Rivelli, MD
Durham, NC

A. John Rush, Jr, MD
Singapore

Dean Schuyler, MD
Charleston, SC

Thomas L. Schwenk, MD
Reno, NV

Theodore A. Stern, MD
Boston, MA

Jeff Susman, MD
Cincinnati, OH

Nhi-Ha Trinh, MD, MPH
Boston, MA

André Tylee, MD
London, England

L. Lee Tynes, MD, PhD
New Orleans, LA

Sumer Verma, MD
Belmont, MA

Karen D. Wagner, MD, PhD
Galveston, TX

Risa B. Weisberg, PhD
Providence, RI

John W. Williams, Jr, MD
Durham, NC

Christian G. Wolff, MD
Cornelius, NC

Edward Workman, MD
Knoxville, TN

Lawson R. Wulsin, MD
Cincinnati, OH

Glen L. Xiong, MD
Sacramento, CA



THE PRIMARY CARE COMPANION FOR CNS DISORDERS

VOLUME 23 ■ 2021 ■ PRIMARYCARECOMPANION.COM

MISSION STATEMENT

Our primary mission is to provide lifelong learning for clinicians through evidence-based, peer-reviewed scientific information about the diagnosis and treatment of behavioral health and neuropsychiatric disorders.

GENERAL

The Primary Care Companion for CNS Disorders (PCC) (online ISSN 2155-7780; print ISSN 2155-7772) is published online by Physicians Postgraduate Press, Inc. (PPP), PO Box 752870, Memphis, TN 38175-2870.

EDITORIAL

Manuscript Submission

All manuscript types and letters to the editor should be submitted electronically at <http://www.psychiatrist.com/PCC/Pages/authors.aspx>.

The Primary Care Companion
PO Box 752870
Memphis, TN 38175-2870, USA

phone: 901-273-2753
email: editorial@primarycarecompanion.com

INFORMATION FOR AUTHORS

Available at <http://www.psychiatrist.com/PCC/Pages/authors.aspx>.

INDEXING

PCC is indexed in MEDLINE/PubMed.

CIRCULATION

Article Copies and Back Issues

Single copies of back issues through Volume 11, Issue 4, 2009, and individual articles may be purchased by contacting our Circulation Department.

phone: 800-489-1001 ext 4/901-751-3800 ext 4
fax: 901-273-2747

email: orders@primarycarecompanion.com

Multiple copies of articles and reprints may be purchased by contacting our Reprints Editor at reprints@primarycarecompanion.com.

COPYRIGHT/FINANCIAL DISCLOSURE

PCC requires the express transfer of copyright to PPP so that the author(s) and PPP are protected from misuse of copyrighted material. Each author must sign and submit the required Author Form pertaining to authorship, copyright transfer, financial disclosure, and acknowledgment permission available at www.psychiatrist.com/pcc/documents/pccinfoform.pdf.

ADVERTISING

Principles:

Online advertising appears in multiple locations throughout the PPP family of sites. Ads rotate, appearing randomly within the sites' pages. All advertising is clearly labeled as such.

Contacts:

- For Classified ads, go to CNSJobMarket.com to post your job ad.
- For online ads posted either on the journal's website or in an E-Lert, email webads@primarycarecompanion.com.
- For customized outreach and distribution packages, email jskelton@psychiatrist.com.

Electronic Advertising Specifications:

Available online at <http://www.psychiatrist.com/documents/onlineads.pdf>.

Disclaimer:

Acceptance and placement of any and all advertising for this publication, the online family of sites, or any other material published by PPP does not imply endorsement by PPP.

EMBARGO

Articles are embargoed until they are published online at PrimaryCareCompanion.com.

Contact embargo@primarycarecompanion.com.

PUBLICATION STAFF

Publisher, **John S. Shelton**, PhD
Founding Publisher 1978–2005, **Irving Shelton**
President, **Lee Harrington**, RPh
Associate Director of PPP Performance, **Linda Fitch**
Competitive Intelligence Specialist, **Judy Beach**
Permissions Editor, **Maureen Bunner-Hunsucker**
Director of Editorial Services, **Kathryn Hedges**
Managing Editor, **Sallie L. Gatlin**
Publications Manager, **Anna Kwapien**
Production Manager, **Diana L. Hardin**
Advertising Manager, **David M. Twombly**
Media Director, **Faye M. Green**
Electronic Media Manager, **F. Grant Whittle**, PhD
Media Content Manager, **Erik Adamec**
Journal Media Manager, **Sara G. Amelang**
Senior Media Associate, **Hartwell T. Crim**
Media Associates, **Michael Harrison**, **Mark A. Kledzik**, **Snow W. Jumper**
IT Associate, **Steve Boyd**
Systems Analyst, **Sreedevi Pillai**
Director of Circulation, **Sharon Landers**

CME INSTITUTE STAFF

Medical Director, **Paul King**, MD
Managing Director, **Lori McStay**
Associate Director, **Becky Brown Derych**
Production Manager, **Erin Poggi**
Project Manager, **Jamie Johnson**
Project Associate, **Andria Lisle**, **Brooke Smith**

PERMISSIONS REQUESTS

All editorial material published in PCC is the property of PPP unless specifically stated.

1. Requests for permission to publish may be submitted by regular mail, fax, or email: Physicians Postgraduate Press, Inc.
Attn: Permissions Editor
850 Ridge Lake Blvd, Suite 300
Memphis, TN 38120
fax: (920) 457-0501
email: permissions@primarycarecompanion.com
2. Permission will not be granted until the article has been published in PCC.
3. Permission is not granted to place the full text of PCC articles on other websites.

Information Required for a Permissions Request

1. Requestor's Information:
 - Person's name, title, address, telephone, fax, and email (if available)
 - Company's name and postal address
2. Article Information:
 - Article title • First bylined author • Volume number and issue dates
 - Page range of article • The copyrighted item to be used from the article, ie, the specific chart, table, figure, graph, or other illustration, abstract, quote, or full article
3. Intended Use of the Requested Item:
 - Title of the work in which the item is to appear • Author/editor/compiler
 - Publisher, with full address • Edition number • Publication year
 - Approximate press run of work • Form of reproduction (print, online, language)
 - Sponsorship, funding, or retail price (if a book) • Intended audience(s)

DISCLAIMER

PCC is owned and published by Physicians Postgraduate Press, Inc., 850 Ridge Lake Blvd, Suite 300, Memphis, TN 38120. All articles appearing in this publication, including editorials, letters, and book reviews, represent the opinions of the authors and do not necessarily reflect the official policy or opinions of PPP or the institution with which the author is affiliated, unless this is clearly specified. PPP disclaims any liability to any party for the accuracy, completeness, or availability of any and all PPP publications and other material, or for any damages arising out of the use or nonuse of this publication, and any and all PPP publications (and other material), and any information contained therein.