



# THE JOURNAL OF CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

VOLUME 74 • MARCH 2013 • NUMBER 3

## ALSO IN THIS ISSUE

Extreme Attributions in  
Bipolar Depression  
p249

Sexual Satisfaction and  
Quality of Life in MDD  
Before and After Citalopram  
p256

Urinary Tract Infections  
and Acute Relapse of  
Schizophrenia  
p271

Levomilnacipran for MDD  
p242

## Suicide Risk Assessment Received Prior to Suicide Death by Veterans Health Administration Patients With a History of Depression

*Eric G. Smith, Hyungjin Myra Kim, Dara Ganoczy, and others*  
p226

## CME

## Five-Year Course of Obsessive-Compulsive Disorder

p233

## SPECIAL SECTION

## Early Career Psychiatrists

p262–p277

CHECK p240 FOR  
Online *Exclusives*

# THE JOURNAL OF CLINICAL PSYCHIATRY

VOLUME 74 • MARCH 2013 • NUMBER 3

## Board of Editors

**Editor in Chief**  
**Alan J. Gelenberg, MD**  
*Hershey, PA*

**Vice-Editor in Chief**  
**Marlene P. Freeman, MD**  
*Boston, MA*

## Deputy Editors

**Karen D. Wagner, MD, PhD**  
*Galveston, TX*

**Michael H. Ebert, MD**  
*West Haven, CT*

**Eric M. Reiman, MD**  
*Phoenix, AZ*

## Editorial Board

<b>Richard Balon, MD</b> <i>Detroit, MI</i>	<b>James I. Hudson, MD, ScD</b> <i>Belmont, MA</i>	<b>Erwin B. Montgomery, Jr, MD</b> <i>Madison, WI</i>	<b>Jerrold F. Rosenbaum, MD</b> <i>Boston, MA</i>
<b>Joseph Biederman, MD</b> <i>Boston, MA</i>	<b>James W. Jefferson, MD</b> <i>Madison, WI</i>	<b>Francisco A. Moreno, MD</b> <i>Tucson, AZ</i>	<b>Barbara O. Rothbaum, PhD</b> <i>Atlanta, GA</i>
<b>Paula J. Clayton, MD</b> <i>New York, NY</i>	<b>John M. Kane, MD</b> <i>Glen Oaks, NY</i>	<b>J. Craig Nelson, MD</b> <i>San Francisco, CA</i>	<b>Anthony J. Rothschild, MD</b> <i>Worcester, MA</i>
<b>John M. Davis, MD</b> <i>Chicago, IL</i>	<b>Siegfried Kasper, MD</b> <i>Vienna, Austria</i>	<b>Andrew A. Nierenberg, MD</b> <i>Boston, MA</i>	<b>José M. Santiago, MD</b> <i>Tucson, AZ</i>
<b>William E. Falk, MD</b> <i>Boston, MA</i>	<b>David J. Katzelnick, MD</b> <i>Rochester, MN</i>	<b>H. George Nurnberg, MD</b> <i>Placitas, NM</i>	<b>Erika F. H. Saunders, MD</b> <i>Hershey, PA</i>
<b>Maurizio Fava, MD</b> <i>Boston, MA</i>	<b>James H. Kocsis, MD</b> <i>New York, NY</i>	<b>Maria A. Oquendo, MD</b> <i>New York, NY</i>	<b>Nina R. Schooler, PhD</b> <i>Brooklyn, NY</i>
<b>Ellen Frank, PhD</b> <i>Pittsburgh, PA</i>	<b>Susan G. Kornstein, MD</b> <i>Richmond, VA</i>	<b>George I. Papakostas, MD</b> <i>Boston, MA</i>	<b>Gary W. Small, MD</b> <i>Los Angeles, CA</i>
<b>Scott A. Freeman, MD</b> <i>Boston, MA</i>	<b>R. Bruce Lydiard, MD, PhD</b> <i>Charleston, SC</i>	<b>Mark H. Pollack, MD</b> <i>Chicago, IL</i>	<b>Michael E. Thase, MD</b> <i>Philadelphia, PA</i>
<b>Ira D. Glick, MD</b> <i>Stanford, CA</i>	<b>Mario Maj, MD, PhD</b> <i>Naples, Italy</i>	<b>Harrison G. Pope, Jr, MD</b> <i>Belmont, MA</i>	<b>Mauricio Tohen, MD, DrPH</b> <i>San Antonio, TX</i>
<b>Joseph F. Goldberg, MD</b> <i>Norwalk, CT</i>	<b>John C. Markowitz, MD</b> <i>New York, NY</i>	<b>Michael K. Popkin, MD</b> <i>Minneapolis, MN</i>	<b>Eduard Vieta, MD, PhD</b> <i>Barcelona, Spain</i>
<b>Jack M. Gorman, MD</b> <i>Bronx, NY</i>	<b>Susan L. McElroy, MD</b> <i>Cincinnati, OH</i>	<b>Robert M. Post, MD</b> <i>Bethesda, MD</i>	<b>Roger D. Weiss, MD</b> <i>Belmont, MA</i>
<b>John H. Greist, MD</b> <i>Madison, WI</i>	<b>Herbert Y. Meltzer, MD</b> <i>Nashville, TN</i>	<b>Sheldon H. Preskorn, MD</b> <i>Wichita, KS</i>	<b>Katherine L. Wisner, MD</b> <i>Pittsburgh, PA</i>
<b>Robert M. A. Hirschfeld, MD</b> <i>Galveston, TX</i>	<b>Roger E. Meyer, MD</b> <i>Bethesda, MD</i>	<b>Mark H. Rapaport, MD</b> <i>Atlanta, GA</i>	<b>Carlos A. Zarate, Jr, MD</b> <i>Bethesda, MD</i>
			<b>Mark Zimmerman, MD</b> <i>Providence, RI</i>

## CME Executive Directors

<b>Chair</b> <b>Michael H. Ebert, MD</b> <i>West Haven, CT</i>	<b>Alan J. Gelenberg, MD</b> <i>Hershey, PA</i>	<b>Andrew A. Nierenberg, MD</b> <i>Boston, MA</i>
<b>Robert L. Findling, MD</b> <i>Cleveland, OH</i>	<b>John M. Kane, MD</b> <i>Glen Oaks, NY</i>	<b>Pierre N. Tariot, MD</b> <i>Phoenix, AZ</i>

## CME Advisory Board

<b>Chair</b> <b>Michael H. Ebert, MD</b> <i>West Haven, CT</i>	<b>E. Sherwood Brown, PhD, MD</b> <i>Dallas, TX</i>	<b>John M. Downs, MD</b> <i>Memphis, TN</i>	<b>Elizabeth H. B. Lin, MD</b> <i>Seattle, WA</i>
<b>Vice Chair</b> <b>Richard C. Shelton, MD</b> <i>Birmingham, AL</i>	<b>Stephanie Cavanaugh, MD</b> <i>Chicago, IL</i>	<b>Alan J. Gelenberg, MD</b> <i>Hershey, PA</i>	<b>Frank W. Ling, MD</b> <i>Germantown, TN</i>
	<b>Lawrence J. Cohen, PharmD</b> <i>Fort Worth, TX</i>	<b>Paul King, MD</b> <i>Memphis, TN</i>	<b>J. Sloan Manning, MD</b> <i>High Point, NC</i>
	<b>Larry Culpepper, MD, MPH</b> <i>Boston, MA</i>	<b>Joseph A. Lieberman III, MD</b> <i>Wilmington, DE</i>	<b>Meir Steiner, MD, PhD</b> <i>Hamilton, Ontario</i>

## Mission Statement



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

## General

The *Journal of Clinical Psychiatry* (print ISSN 0160-6689; online ISSN 1555-2101) is published monthly by Physicians Postgraduate Press, Inc., PO Box 752870, Memphis, TN 38175-2870, and is the official publication of the American Society of Clinical Psychopharmacology. Periodicals postage paid at Memphis, TN, and additional mailing offices. POSTMASTER: Send address changes to Circulation Department, Physicians Postgraduate Press, Inc., PO Box 752870, Memphis, TN 38175-2870.

## Editorial

*The Journal of Clinical Psychiatry* phone: 901-273-2707  
 PO Box 752870 e-mail: JCPeditorial@psychiatrist.com  
 Memphis, TN 38175-2870, USA

**Manuscript Submission:** Submit all manuscript types and letters to the editor electronically at [www.psychiatrist.com/authors/esubmissions.htm](http://www.psychiatrist.com/authors/esubmissions.htm).

**Book Reviews:** Physicians interested in reviewing books and press release agents should contact the Book Review Editor at [bookreviews@psychiatrist.com](mailto:bookreviews@psychiatrist.com).

**Copyright:** *The Journal of Clinical Psychiatry* requires the express transfer of copyright to Physicians Postgraduate Press, Inc., so that the author(s) and Physicians Postgraduate Press, Inc., are protected from misuse of copyrighted material. Each author must sign and submit the required "Authorship Statement, Copyright Transfer, Financial Disclosure, and Acknowledgment Permission" form, available at [www.psychiatrist.com/authors/index.htm](http://www.psychiatrist.com/authors/index.htm).

**Instructions for Authors:** Available at [www.psychiatrist.com/authors/index.htm](http://www.psychiatrist.com/authors/index.htm).

## Indexing

*The Journal of Clinical Psychiatry* is indexed in MEDLINE/PubMed and by all major indexing services.

## Circulation

Subscription Rates	US	Int'l
Individuals: Print + Online	\$161.00	\$213.00
Individuals: Online Only	\$125.00	\$125.00
Single issues	\$53.00	\$53.00
Institutional pricing	Contact <a href="mailto:subscriptions@psychiatrist.com">subscriptions@psychiatrist.com</a>	

**Address Changes:** Submit address changes at least 6 weeks in advance by mail or e-mail to:

Circulation Department e-mail: [addresschange@psychiatrist.com](mailto:addresschange@psychiatrist.com)  
 Physicians Postgraduate Press, Inc.  
 PO Box 752870  
 Memphis, TN 38175-2870

**Article copies and back issues:** Individual articles and single copies of back issues may be purchased by contacting our Circulation Department.

phone: 800-489-1001 ext 4 fax: 901-273-2747  
 901-751-3800 ext 4 e-mail: [orders@psychiatrist.com](mailto:orders@psychiatrist.com)

Single article copies may also be purchased online at [PSYCHIATRIST.COM](http://PSYCHIATRIST.COM).

Multiple copies of articles and reprints may be purchased by contacting our Permissions Editor at [permissions@psychiatrist.com](mailto:permissions@psychiatrist.com).

**Claims:** Publisher will replace missing issues within 4 months of the publication date, subject to availability. Issues claimed outside the 4-month deadline may not be honored. Claims can be submitted by mail; fax 901-273-2747 Attn: Circulation; or emailed to [claims@psychiatrist.com](mailto:claims@psychiatrist.com). Please supply as much information as available, including your complete mailing address and customer number.

## Disclaimer

*The Journal of Clinical Psychiatry* 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 Physicians Postgraduate Press, Inc., or the institution with which the author is affiliated, unless this is clearly specified. Physicians Postgraduate Press, Inc., disclaims any liability to any party for the accuracy, completeness, or availability of any and all Physicians Postgraduate Press, Inc., publications and other material, or for any damages arising out of the use or nonuse of this publication, and any and all Physicians Postgraduate Press, Inc., publications (and other material), and any information contained therein.

## Publication Staff

Publisher, **John S. Shelton**, PhD • Founding Publisher 1978–2005, **Irving Shelton** • Director of Operations, **Judy Beach** • Publications Manager, **C. J. Firestone** • Director, Educational Strategy, **Lee Harrington**, RPh • Permissions Editor, **Maureen Bunner-Hunsucker**

Director of Editorial Services, **Meg M. Waters** • Managing Editor, **Kathryn Hedges** • Deputy Managing Editors, **Sarah L. Brownd**, **Sallie L. Gatlin** • Senior Editors, **Cynthia S. Carpenter**, **Lorraine M. McStay**, **John R. Reed** • Editor, **John Forbes** • Senior Proofreader, **David Spicer** • Publications Manager, **Anna Kwapien** • Production Manager, **Diana L. Hardin** • Assistant Production Manager, **Erin Poggi** • 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 Associates, **Hartwell T. Crim**, **Dell Walker** • Media Associates, **Franz Amelang**, **George Hancock**, **Michael Harrison**, **Mark A. Kledzik**, **Manuel J. Purog** • IT Associate, **Steve Boyd** • Web Developer, **Sreedevi Pillai**

Director of Circulation, **Sharon Landers**

## CME Institute Staff

Medical Director, **Paul King**, MD • Managing Director, **Jennifer G. Alessi** • Assistant Director, **Anna Acerra** • CME Editor, **Becky Brown Deryck** • Assessment Specialist, **Jana Files** • CME Coordinator, **Diane Brunner** • Project Assistant, **Evonne Krell**

## Permissions Requests

All editorial material published in *The Journal of Clinical Psychiatry* is the property of Physicians Postgraduate Press, Inc., unless specifically stated.

- Requests for permission to publish may be submitted by regular mail, fax, or e-mail:  
 Physicians Postgraduate Press, Inc. fax: (920) 457-0501  
 Attn: Permissions Editor e-mail: [permissions@psychiatrist.com](mailto:permissions@psychiatrist.com)  
 850 Ridge Lake Blvd, Suite 300  
 Memphis, TN 38120
- Permission will not be granted until the article has been published in *The Journal of Clinical Psychiatry*.
- Permission is not granted to place the full text of *The Journal of Clinical Psychiatry* articles on other Web sites.

## Information Required for a Permissions Request

- Requestor's Information:
  - Person's name, title, address, telephone, fax, and e-mail
  - Company's name and postal address
- 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
- 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)

## Embargo

Articles are embargoed until they are published online at [PSYCHIATRIST.COM](http://PSYCHIATRIST.COM). Contact [JCPembargo@psychiatrist.com](mailto:JCPembargo@psychiatrist.com).

## Advertising

**Principles:** Physicians Postgraduate Press, Inc., adheres to the highest ethical standards when interspersing advertisements throughout the journal: (1) placement is held in the strictest confidence; (2) ads on a specific drug or topic are not placed immediately adjacent to editorial material of the same; (3) for non-premium positions, ads are rotated throughout the book from issue to issue.

## Contacts:

- For print ads, e-mail [journalads@psychiatrist.com](mailto:journalads@psychiatrist.com).
- For Classified or Conference ads, either in print format or through the journal's Web site, e-mail [journalads@psychiatrist.com](mailto:journalads@psychiatrist.com).
- For online ads posted either on the journal's Web site or in an E-Lert, e-mail [webads@psychiatrist.com](mailto:webads@psychiatrist.com).
- For customized outreach and distribution packages, e-mail [lharrington@psychiatrist.com](mailto:lharrington@psychiatrist.com).

**Rate Sheets:** Available online through the journal's home page at [PSYCHIATRIST.COM](http://PSYCHIATRIST.COM) under "Information for Advertisers."

**Disclaimer:** Acceptance of any and all advertising in this publication, or any other material published by Physicians Postgraduate Press, Inc., does not imply endorsement by Physicians Postgraduate Press, Inc.

# THE JOURNAL OF CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

VOLUME 74 • MARCH 2013 • NUMBER 3

## ORIGINAL RESEARCH

- 226 Suicide Risk Assessment Received Prior to Suicide Death by Veterans Health Administration Patients With a History of Depression

*Eric G. Smith, Hyungjin Myra Kim, Dara Ganoczy, Claire Stano, Paul N. Pfeiffer, and Marcia Valenstein*

- 242 Efficacy and Safety of Levomilnacipran Sustained Release 40 mg, 80 mg, or 120 mg in Major Depressive Disorder: A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study [\[Free Online\]](#)

*Gregory M. Asnis, Anjana Bose, Carl P. Gommoll, Changzheng Chen, and William M. Greenberg*

- 249 Extreme Attributions Predict the Course of Bipolar Depression: Results From the STEP-BD Randomized Controlled Trial of Psychosocial Treatment

*Jonathan P. Stange, Louisa G. Sylvia, Pedro Vieira da Silva Magalhães, David J. Miklowitz, Michael W. Otto, Ellen Frank, Michael Berk, Andrew A. Nierenberg, and Thilo Deckersbach*

- 256 Sexual Satisfaction and Quality of Life in Major Depressive Disorder Before and After Treatment With Citalopram in the STAR\*D Study

*Waguih William IsHak, Scott Christensen, Gregory Sayer, Khanh Ha, Ning Li, Jamie Miller, Jaidyn Mai Nguyen, and Robert M. Cohen*

## CME ARTICLE

- 233 Five-Year Course of Obsessive-Compulsive Disorder: Predictors of Remission and Relapse [\[Free Online\]](#)

*Jane L. Eisen, Nicholas J. Sibrava, Christina L. Boisseau, Maria C. Mancebo, Robert L. Stout, Anthony Pinto, and Steven A. Rasmussen*

## EARLY CAREER PSYCHIATRISTS

- 262 Teaching the Teacher: A Report From the Third Annual American Society of Clinical Psychopharmacology Teaching Session [\[Commentary\]](#)

*Ira D. Glick, Sidney Zisook, and Mark H. Rapaport*

- 265 Generalizability of Clinical Trial Results for Bipolar Disorder to Community Samples: Findings From the National Epidemiologic Survey on Alcohol and Related Conditions

*Nicolas Hoertel, Yann Le Strat, Pierre Lavaud, Caroline Dubertret, and Frédéric Limosin*

- 271 A Prevalence Study of Urinary Tract Infections in Acute Relapse of Schizophrenia

*Brian J. Miller, Krystle L. Graham, Chelsea M. Bodenheimer, Nick H. Culppepper, Jennifer L. Waller, and Peter F. Buckley*

## ASCP CORNER

- 278 Reconsidering Chronic Hyponatremia in Psychosis

*Richard C. Josiassen, Dawn M. Filmyer, Alexander G. Geboy, and Rita A. Shaughnessy*

## LETTER TO THE EDITOR

- 280 Subjective Assessments of Threats and Their Association to Posttraumatic Stress Disorder Symptoms: The Case of the 2011 Japan Earthquake and Nuclear Disaster

*Menachem Ben-Ezra, Yuval Palgi, Yaira Hamama-Raz, Or Aviel, Yonit Dubiner, Evelyn Baruch, Yechiel Soffer, and Amit Shrira*

## INFORMATION FOR AUTHORS

see [www.psychiatrist.com/author.htm](http://www.psychiatrist.com/author.htm)

CONTINUED ON NEXT PAGE

## PRACTICAL PSYCHOPHARMACOLOGY

- e193 Antidepressant Action of Atypical Antipsychotics:  
Focus on Ziprasidone Monotherapy,  
With a Few Twists in the Tale  
*Chittaranjan Andrade*

## ORIGINAL RESEARCH

- e197 Posttraumatic Stress Disorder in  
Adult Attention-Deficit/Hyperactivity Disorder:  
Clinical Features and Familial Transmission  
*Kevin M. Antshel, Prashant Kaul, Joseph Biederman,  
Thomas J. Spencer, Bridget O. Hier, Kaitlin Hendricks,  
and Stephen V. Faraone*
- e205 Recovery From Multiple Episodes  
of Bipolar I Depression  
*David A. Solomon, Jess G. Fiedorowicz, Andrew C. Leon,  
William Coryell, Jean Endicott, Chunshan Li,  
Robert J. Boland, and Martin B. Keller*
- e212 Co-Occurrence of Major Depressive Episode  
and Posttraumatic Stress Disorder Among  
Survivors of War: How Is It Different From  
Either Condition Alone?  
*Nexhmedin Morina, Dean Ajdukovic, Marija Bogic,  
Tanja Franciskovic, Abdulah Kucukalic,  
Dusica Lecic-Tosevski, Lendite Morina,  
Mihajlo Popovski, and Stefan Priebe*

## BOOK REVIEWS

- e219 Health Care Reform: A Primer for Psychiatrists
- e220 Parental Alienation, DSM-5, and ICD-11
- e221 Essential CNS Drug Development

## FREE ONLINE ACTIVITIES

- e05 Understanding the Physiology of Schizophrenia [CME]  
*Brian Kirkpatrick*
- e06 Alzheimer's Disease: The Importance of Early  
Diagnosis and Appropriate Management [CME]  
*Pierre N. Tariot and P. Murali Doraiswamy*

For All *Exclusives* Visit  
**PSYCHIATRIST.COM**

Enter Keyword

OR

Scan



Home of  
*The Journal of Clinical Psychiatry*

## Practical Psychopharmacology

Knowledge, tips, and discussion with  
Chittaranjan Andrade, MD.

Enter Keyword

## Publisher's Podcast

Audio summaries of the monthly *Journal*  
and individual articles.

Enter Keyword

## Multimedia Special Features

Dynamic video and interactive features  
to enhance learning.

Enter Keyword

## PsychsTalk Blog

Join the discussion! Share views and exchange  
insights with colleagues on current practice  
issues and more.

Enter Keyword

## CME Opportunities

Earn free CME credit! *Journal* CME, supplements,  
and multimedia activities.

Enter Keyword

Stay Current—follow JCP daily on

Twitter & Facebook