

# Online CME/CPE Medical Simulation: REGISTER TODAY!

## Schizophrenia Case Series, Part 3: Addressing Re-Emerging Symptoms in Patients with Schizophrenia

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Release Date: April 3, 2009  
Credit Expiration Date: April 3, 2010  
Archive Offered Until: April 3, 2010

This activity offers CE credit for:  
• Physicians (CME) • Pharmacists (CPE)  
All other clinicians will either receive a CME Attendance Certificate or may choose any of the types of CE credit being offered.

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### STATEMENT OF NEED

Schizophrenia is a chronic illness that requires ongoing monitoring for exacerbation of residual symptoms, as well as re-emerging or new symptoms. Some of these symptoms may relate to treatment nonadherence, which is common in this patient population.<sup>1</sup> Other symptoms may be the result of medication-induced side effects or may be associated with cognitive or affective deficits that develop after the initial diagnosis and treatment planning. Each of these issues must be addressed in order to improve patient outcomes. Clinicians need to carefully assess adherence in their patients, and identify patient-, treatment-, and system-related barriers to adherence so that they can develop appropriate strategies including psychotherapy, use of long-acting medication formulations, and/or collaborative, team-oriented care to remediate the problem. For medication-induced side effects, options such as dose reduction, switching medication, and add-on pharmacotherapy are available, and each has advantages and disadvantages that need to be carefully weighed. Finally, with respect to cognitive or affective deficits, both behavioral and pharmacologic options exist; the potential for drug-drug interactions requires up-to-date knowledge on the pharmacokinetic and pharmacodynamic profiles of available psychiatric medications. Issues related to long-term monitoring and management of patients with schizophrenia will be addressed in this interactive, case-based activity, which offers a unique opportunity for clinicians to further develop their problem-solving and clinical skills and to benefit from the input and expertise of experienced faculty.

<sup>1</sup> Lehman AF, Lieberman JA, Dixon LB, et al. Practice guideline for the treatment of patients with schizophrenia, second edition. *Am J Psychiatry* Feb 2004;161:1-56.

### ACTIVITY GOAL

To provide mental healthcare practitioners with strategies drawn from the evidence base for assessing and managing re-emergent or novel symptoms in patients with schizophrenia.

### LEARNING OBJECTIVES

- At the end of this CE activity, participants should be able to:
- Compare and contrast strategies for managing medication-induced side effects in patients with schizophrenia.
  - Assess and manage depressive symptoms in patients with schizophrenia.
  - Develop an individualized long-term treatment plan for patients with schizophrenia and history of partial or nonadherence.

### COMMERCIAL SUPPORT

CME Outfitters, LLC, gratefully acknowledges an educational grant from Wyeth Pharmaceuticals and Solvay Pharmaceuticals in support of this CE activity.

FAX completed form to **240.243.1033**

**YES! Register me for this online neuroscienceCME activity.**

Site Name: \_\_\_\_\_ # Participants: \_\_\_\_\_

Individual Name: \_\_\_\_\_ Degree: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/ZIP: \_\_\_\_\_

Practice Setting:  Community Mental Health  State Mental Health  Primary Care  
 Private Practice  Other: \_\_\_\_\_ Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ Email: \_\_\_\_\_



### FACULTY INFORMATION

**Rakesh Jain, MD, MPH**  
Director, Adult and Child  
Psychopharmacology Research  
R/D Clinical Research, Inc.  
Lake Jackson, TX

### TARGET AUDIENCE

Physicians, physician assistants, pharmacists, and other healthcare professionals with an interest in mental health.

### CREDIT INFORMATION

**CME Credit (Physicians):** CME Outfitters, LLC, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CME Outfitters, LLC, designates this educational activity for a maximum of 0.5 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Note to Physician Assistants:** *AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and AMA Category I CME credit for the PRA from organizations accredited by ACCME.*

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Universal Program Number:  
376-000-09-011-H01-P

Activity Type: knowledge-based

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