

# ATTENTION DEFICIT HYPERACTIVITY DISORDER

ACROSS THE LIFESPAN

22 AUDIO LECTURES

## COURSE DESCRIPTION

The Massachusetts General Hospital Pediatric Psychopharmacology Program, headed by Dr. Joseph Biederman, has pioneered research in Attention Deficit Hyperactivity Disorder (ADHD) across the life span. Workshops, symposia and courses led by this group are consistently rated as superb.

Ongoing clinical and scientific advances have transformed the field of ADHD. Substantial knowledge has been gained on the neurobiology, heritability, persistence, comorbidity, and psychotherapeutic and pharmacological treatment of ADHD in children, adolescents and adults. This knowledge is directly applicable to the increasing number of clinicians who are called upon to diagnose and treat children, adolescents and adults with ADHD.

By the end of the course, child and adult psychiatrists, pediatricians, internists, family practitioners, social workers, nurses, interested school-based clinicians and educated laypersons will be familiar with the presentation, diagnosis, comorbidity, neurobiology and current treatment options available for individuals with ADHD. Topics to be covered include: the presentation of ADHD across the life span; risk factors related to the persistence of the disorder; the neurobiology, heritability and genetic contributions of ADHD and the mechanism of action of the stimulant agents. The course will also elaborate on common co-occurring conditions, such as learning disabilities, substance abuse, depressive and bipolar disorders, tic disorders and anxiety. In addition, the course will focus on effective psychotherapies, including family-based, individual, cognitive-behavioral, integrative and multimodal interventions. Pharmacological interventions for children, adolescents and adults with ADHD, including both stimulant and non-stimulant compounds, and pragmatic school-based interventions and relevant legal issues are also among the topics to be reviewed.

The faculty, consisting of Massachusetts General Hospital clinician-researchers as well as distinguished ADHD experts outside the MGH, will educate participants on recent research findings relevant to clinical practice.

23 Category 1 Credits.\*

## OBJECTIVES

Upon completion of this program, the participant will have an understanding of the following:

- Become familiar with the presentation, diagnosis, comorbidity, neurobiology, and current treatment options available for individuals with ADHD

### Definitions and Overview of ADHD

Joseph Biederman, M.D.

### Genetics of ADHD

Stephen V. Faraone, Ph.D.

### Neuroimaging of ADHD

George Bush, M.D., M.M.Sc

### ADHD and Tourette's Disorder

Barbara J. Coffey, M.D., M.S.

### Patterns of Comorbidity in ADHD and Gender Differences

Joseph Biederman, M.D.

### ADHD and Mania

Janet Wozniak, M.D.

### Comorbidity of ADHD with Substance Abuse

Timothy E. Wilens, M.D.

### Ask the Experts

Joseph Biederman, M.D.

Thomas J. Spencer, M.D.

Timothy E. Wilens, M.D.

Jefferson B. Prince, M.D.

### Course and Outcome of ADHD

Joseph Biederman, M.D.

### Treatment of Pediatric ADHD with Stimulants

Timothy E. Wilens, M.D.

### Treatment of Pediatric ADHD with Non-Stimulants

Thomas J. Spencer, M.D.

### Approaches to the Oppositional and Aggressive ADHD Child

Ross Greene, Ph.D.

### School Intervention for Children with ADHD

Ross Greene, Ph.D.

### Mechanism of Action of Psychostimulants

Nora D. Volkow, M.D.

### Assessment Dilemmas in the Young Adult with ADHD

Larry J. Seidman, Ph.D.

### Adult ADHD

Thomas J. Spencer, M.D.

### Neurobiology of Dyslexia

Bennett A. Shaywitz, M.D.

and Sally E. Shaywitz, M.D.

### Pharmacology of Adults with ADHD

Thomas J. Spencer, M.D.

### Multimodal Treatment of Children with ADHD: Findings from the

NIMH Study

Howard Abikoff, Ph.D.

### Neuropsychology of ADHD

Alysa Doyle, Ph.D.

### Comprehensive Integrated Treatment Planning

Steven C. Schlozman, M.D.

### Legal Issues in Treating Individuals with ADHD Disorders

Ronald Schouten, M.D.,

J.D.

Release date: November 1, 2003

Credits expire: October 31, 2006

Recorded at the live course: March 7-9, 2003

\* CME credit is obtained upon successful completion of a self-assessment examination. Examination due by October 31, 2006.