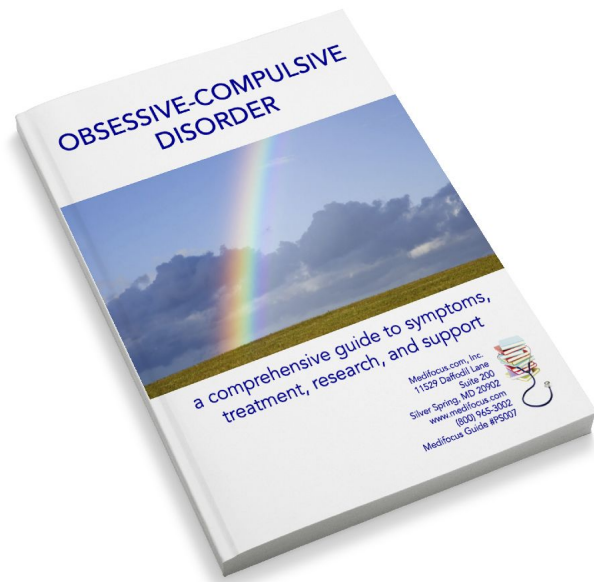


Preview of the Medifocus Guidebook on: Obsessive-Compulsive Disorder

Updated November 3, 2009



This document is only a SHORT PREVIEW of the **Medifocus Guidebook on Obsessive-Compulsive Disorder**. It is intended primarily to give you a general overview of the **format and structure** of the Guidebook as well as select pages from each major Guidebook section listed in the Table of Contents.

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1 - Background Information

Introduction

Chronic or life-threatening illnesses can have a devastating impact on both the patient and the family. In today's new world of medicine, many consumers have come to realize that they are the ones who are primarily responsible for their own health care as well as for the health care of their loved ones.

When facing a chronic or life-threatening illness, you need to become an educated consumer in order to make an informed health care decision. Essentially that means finding out everything about the illness - the treatment options, the doctors, and the hospitals - so that you can become an educated health care consumer and make the tough decisions. In the past, consumers would go to a library and read everything available about a particular illness or medical condition. In today's world, many turn to the Internet for their medical information needs.

The first sites visited are usually the well known health "portals" or disease organizations and support groups which contain a general overview of the condition for the layperson. That's a good start but soon all of the basic information is exhausted and the need for more advanced information still exists. What are the latest "cutting-edge" treatment options? What are the results of the most up-to-date clinical trials? Who are the most notable experts? Where are the top-ranked medical institutions and hospitals?

The best source for authoritative medical information in the United States is the National Library of Medicine's medical database called PubMed®, that indexes citations and abstracts (brief summaries) of over 7 million articles from more than 3,800 medical journals published worldwide. PubMed® was developed for medical professionals and is the primary source utilized by health care providers for keeping up with the latest advances in clinical medicine.

A typical PubMed® search for a specific disease or condition, however, usually retrieves hundreds or even thousands of "hits" of journal article citations. That's an avalanche of information that needs to be evaluated and transformed into truly useful knowledge. What are the most relevant journal articles? Which ones apply to your specific situation? Which articles are considered to be the most authoritative - the ones your physician would rely on in making clinical decisions? This is where *Medifocus.com* provides an effective solution.

Medifocus.com has developed an extensive library of *MediFocus Guidebooks* covering a wide spectrum of chronic and life threatening diseases. Each *MediFocus Guidebook* is a

high quality, up- to-date digest of "professional-level" medical information consisting of the most relevant citations and abstracts of journal articles published in authoritative, trustworthy medical journals. This information represents the latest advances known to modern medicine for the treatment and management of the condition, including published results from clinical trials. Each *Guidebook* also includes a valuable index of leading authors and medical institutions as well as a directory of disease organizations and support groups. *MediFocus Guidebooks* are reviewed, revised and updated every 4-months to ensure that you receive the latest and most up-to-date information about the specific condition.

About Your MediFocus Guidebook

Introduction

Your *MediFocus Guidebook* is a valuable resource that represents a comprehensive synthesis of the most up-to-date, advanced medical information published about the condition in well-respected, trustworthy medical journals. It is the same type of professional-level information used by physicians and other health-care professionals to keep abreast of the latest developments in biomedical research and clinical medicine. The *Guidebook* is intended for patients who have a need for more advanced, in-depth medical information than is generally available to consumers from a variety of other resources. The primary goal of a *MediFocus Guidebook* is to educate patients and their families about their treatment options so that they can make informed health-care decisions and become active participants in the medical decision making process.

The *Guidebook* production process involves a team of professionals with expertise in diverse areas including experienced medical database researchers and practicing physicians who serve as members of the *Medifocus.com* Medical Advisory Board (MAB). This team approach to the development and production of the *MediFocus Guidebooks* is designed to ensure the accuracy, completeness, and clinical relevance of the information. The *Guidebook* is intended to serve as a basis for more meaningful discussions between patients and their health-care providers in a joint effort to seek the most appropriate course of treatment for the disease.

Guidebook Organization and Content

Section 1 - Background Information

This section provides detailed information about the organization and content of the *Guidebook* including tips and suggestions for conducting additional research about the condition.

Section 2 - The Intelligent Patient Overview

This section of your *MediFocus Guidebook* represents a detailed overview of the disease or condition specifically written from the patient's perspective. It is designed to satisfy the basic informational needs of consumers and their families who are confronted with the illness and are facing difficult choices. Important aspects which are addressed in "The Intelligent Patient" section include:

- The etiology or cause of the disease
- Signs and symptoms
- How the condition is diagnosed
- The current standard of care for the disease

- Treatment options
- New developments
- Important questions to ask your health care provider

Section 3 - Guide to the Medical Literature

This is a roadmap to important and up-to-date medical literature published about the condition from authoritative, trustworthy medical journals. This is the same information that is used by physicians and researchers to keep up with the latest developments and breakthroughs in clinical medicine and biomedical research. A broad spectrum of articles is included in each *MediFocus Guidebook* to provide information about standard treatments, treatment options, new clinical developments, and advances in research. To facilitate your review and analysis of this information, the articles are grouped by specific categories. A typical *MediFocus Guidebook* usually contains one or more of the following article groupings:

- *Review Articles*: Articles included in this category are broad in scope and are intended to provide the reader with a detailed overview of the condition including such important aspects as its cause, diagnosis, treatment, and new advances.
- *General Interest Articles*: These articles are broad in scope and contain supplementary information about the condition that may be of interest to select groups of patients.
- *Drug Therapy*: Articles that provide information about the effectiveness of specific drugs or other biological agents for the treatment of the condition.
- *Surgical Therapy*: Articles that provide information about specific surgical treatments for the condition.
- *Clinical Trials*: Articles in this category summarize studies which compare the safety and efficacy of a new, experimental treatment modality to currently available standard treatments for the condition. In many cases, clinical trials represent the latest advances in the field and may be considered as being on the "cutting edge" of medicine. Some of these experimental treatments may have already been incorporated into clinical practice.

The following information is provided for each of the articles referenced in this section of your *MediFocus Guidebook*:

- Article title
- Author Name(s)
- Institution where the study was done

- Journal reference (Volume, page numbers, year of publication)
- Link to Abstract (brief summary of the actual article)

Linking to Abstracts: Most of the medical journal articles referenced in this section of your *MediFocus Guidebook* include an abstract (brief summary of the actual article) that can be accessed online via the National Library of Medicine's PubMed® database. You can easily access the individual abstracts online via PubMed® from the "electronic" format of your *MediFocus Guidebook* by clicking on the corresponding URL address that is provided for each cited article. If you purchased a printed copy of a *MediFocus Guidebook*, you can still access the article abstracts online by entering the individual URL address for a particular article into your web browser.

Section 4 - Centers of Research

We've compiled a unique directory of doctors, researchers, medical centers, and research institutions with specialized research interest, and in many cases, clinical expertise in the management of the specific medical condition. The "Centers of Research" directory is a valuable resource for quickly identifying and locating leading medical authorities and medical institutions within the United States and other countries that are considered to be at the forefront in clinical research and treatment of the condition.

Inclusion of the names of specific doctors, researchers, hospitals, medical centers, or research institutions in this *Guidebook* does not imply endorsement by Medifocus.com, Inc. or any of its affiliates. Consumers are encouraged to conduct additional research to identify health-care professionals, hospitals, and medical institutions with expertise in providing specific medical advice, guidance, and treatment for this condition.

Section 5 - Tips on Finding and Choosing a Doctor

One of the most important decisions confronting patients who have been diagnosed with a serious medical condition is finding and choosing a qualified physician who will deliver high-level, quality medical care in accordance with currently accepted guidelines and standards of care. Finding the "best" doctor to manage your condition, however, can be a frustrating and time-consuming experience unless you know what you are looking for and how to go about finding it. This section of your *Guidebook* offers important tips for how to find physicians as well as suggestions for how to make informed choices about choosing a doctor who is right for you.

Section 6 - Directory of Organizations

This section of your *Guidebook* is a directory of select disease organizations and support groups that are in the business of helping patients and their families by providing access to information, resources, and services. Many of these organizations can answer your questions, enable you to network with other patients, and help you find a doctor in your geographical area who specializes in managing your condition.

2 - The Intelligent Patient Overview

OBSESSIVE-COMPULSIVE DISORDER

Introduction to Obsessive-Compulsive Disorder

Most of us have occasional intrusive thoughts that make us feel anxious, fearful, and uncomfortable. These intrusive thoughts may involve thinking about such things as contracting a serious illness, causing harm to ourselves or someone else, or forbidden sexual desires. Fortunately, most people recognize the fact that these occasional intrusive thoughts are irrational and can usually put them out of their minds so that they do not cause significant anxiety or distress and do not interfere with their daily lives. People with *obsessive-compulsive disorder* (OCD) also realize that intrusive thoughts are irrational, however, they cannot control these intrusive thoughts or impulses from repeatedly entering their mind. The inability to prevent intrusive thoughts from repeatedly entering one's mind, known as *obsessions*, can cause significant anxiety, distress, and a disruption in activities of daily living.

As "creatures of habit", most of us also exhibit some types of habitual behavior during the course of a normal day. For example, we wash our hands when they become dirty; brush our teeth in the morning, after meals, and at bedtime; and check to make sure the front door is locked when we leave the house. Most of us usually perform these habitual acts (handwashing; toothbrushing; checking) only when the need arises. Once we have finished cleaning our hands, brushing our teeth, or making sure the front door is locked, we can put these acts out of our minds and move on with our activities of daily living. People with obsessive-compulsive disorder (OCD), however, become "fixated" on a particular ritualistic behavior (e.g., handwashing; toothbrushing, checking) or a mental act (e.g., counting; repeating a specific word or phrase) and feel driven to repeat these ritualistic behaviors or mental acts over and over again to the point where it causes significant anxiety and distress and interferes with daily lives. These repetitive, irrational ritualistic behaviors or mental acts that a person with OCD feels compelled to carry out are known as *obsessions*.

What are the Features Obsessive-Compulsive Disorder?

Obsessive-compulsive disorder (OCD) is an anxiety disorder that is characterized by the following features:

- Obsessions and/or compulsions (usually both) are the primary clinical symptoms of the disorder.
- The symptoms must be present for a significant period of time during the course of the day for 2 weeks or longer.
- The symptoms cause the patient a significant amount of anxiety and distress and usually

disrupt activities of daily living.

- The obsessions and compulsions must be self-generated and not forced upon the patient by someone else.
- The patient recognizes that the obsessions and compulsions are irrational and don't make any sense.
- The patient does not derive any intrinsic pleasure from these repetitive intrusive thoughts, behaviors, or mental acts.
- The patient cannot control or prevent their urge or impulse to indulge in these obsessive thoughts and compulsive behaviors.

What Causes Obsessive-Compulsive Disorder?

Obsessive-compulsive disorder (OCD) is a common psychological disorder that has been estimated to affect about 1% to 4% of people in the United States. The condition appears to affect men and women in about equal proportions and usually begins in childhood or early adulthood. Because many people with OCD are ashamed of their symptoms they are often reluctant to seek treatment and share information with their health care providers. The diagnosis of OCD may be delayed, therefore, for many years after the onset of symptoms. Most people in the United States who are diagnosed with OCD are in the 25-35 year age group.

Although the exact cause of obsessive-compulsive disorder (OCD) remains unknown, most experts agree that genetic predisposition is a major factor in many people who develop this disorder. Support for the genetic predisposition theory comes from studies involving monozygotic twins which have found that if one of the twins has symptoms consistent with OCD, the likelihood of the second twin also developing OCD is about 80%. Studies have also found that up-to 20% of first-degree relatives (i.e., children of a parent with OCD) will also develop the condition - a significantly higher prevalence rate of OCD than is found in the general population (1% to 4%).

In addition to genetic predisposition, in rare cases, obsessive-compulsive disorder (OCD) may be caused by other conditions including:

- Encephalitis - inflammation of the brain caused by a virus
- Infection with Group A beta-hemolytic streptococcus (usually in children)
- Tourette's syndrome - a nervous system disorder characterized by involuntary movements of the facial muscles and other areas of the body called *tics* and compulsive utterances of speech or grunts
- Head injury
- Developmental abnormalities involving certain parts of the brain such as the frontal lobe

The **Intelligent Patient Overview** in the complete **Medifocus Guidebook on Obsessive-Compulsive Disorder** also includes the following additional sections:

- **Diagnosis of Obsessive-Compulsive Disorder**
- **Treatment Options for Obsessive-Compulsive Disorder**
- **Quality of Life Issues in Obsessive-Compulsive Disorder**
- **Questions to Ask Your Doctor about Obsessive-Compulsive Disorder**

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3 - Guide to the Medical Literature

Introduction

This section of your *MediFocus Guidebook* is a comprehensive bibliography of important recent medical literature published about the condition from authoritative, trustworthy medical journals. This is the same information that is used by physicians and researchers to keep up with the latest advances in clinical medicine and biomedical research. A broad spectrum of articles is included in each *MediFocus Guidebook* to provide information about standard treatments, treatment options, new developments, and advances in research.

To facilitate your review and analysis of this information, the articles in this *MediFocus Guidebook* are grouped in the following categories:

- Review Articles - 36 Articles
- General Interest Articles - 58 Articles
- Drug Therapy Articles - 11 Articles
- Clinical Trials Articles - 24 Articles
- Cognitive-Behavioral Therapy Articles - 10 Articles

The following information is provided for each of the articles referenced in this section of your *MediFocus Guidebook*:

- Title of the article
- Name of the authors
- Institution where the study was done
- Journal reference (Volume, page numbers, year of publication)
- Link to Abstract (brief summary of the actual article)

Linking to Abstracts: Most of the medical journal articles referenced in this section of your *MediFocus Guidebook* include an abstract (brief summary of the actual article) that can be accessed online via the National Library of Medicine's PubMed® database. You can easily access the individual abstracts online via PubMed® from the "electronic" format of your *MediFocus Guidebook* by clicking on the URI that is provided for each cited article. If you purchased a printed copy of the *MediFocus Guidebook*, you can still access the abstracts online by entering the individual URI for a particular abstract into your computer's web browser.

Recent Literature: What Your Doctor Reads

Database: PubMed <September 2007 to November 2009>

Review Articles

1.

What's broken with cognitive behavior therapy treatment of obsessive-compulsive disorder and how to fix it.

Author: Bonchek A
Institution: Jerusalem Center for Anxiety Disorders, P.O. Box 18136, Jerusalem, Israel.
drbonchek@gmail.com
Journal: Am J Psychother. 2009;63(1):69-86.
Abstract Link: <http://www.medifocus.com/abstracts.php?gid=PS007&ID=19425335>

2.

Deep brain stimulation for refractory obsessive-compulsive disorder.

Authors: Burdick A; Goodman WK; Foote KD
Institution: University of Florida, Department of Neurosurgery, PO Box 100265,
Gainesville, FL, 32610, USA.
Journal: Front Biosci. 2009 Jan 1;14:1880-90.
Abstract Link: <http://www.medifocus.com/abstracts.php?gid=PS007&ID=19273170>

3.

Relationships between obsessive-compulsive symptomatology and severity of psychosis in schizophrenia: a systematic review and meta-analysis.

Authors: Cunill R; Castells X; Simeon D
Institution: Department of Psychiatry, Mount Sinai School of Medicine, New York, NY,
USA. ruthcunill@gmail.com
Journal: J Clin Psychiatry. 2009 Jan;70(1):70-82. Epub 2008 Dec 2.
Abstract Link: <http://www.medifocus.com/abstracts.php?gid=PS007&ID=19192458>

The **Guide to the Medical Literature** in the complete **Medifocus Guidebook on Obsessive-Compulsive Disorder** includes the following sections:

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4 - Centers of Research

This section of your *MediFocus Guidebook* is a unique directory of doctors, researchers, medical centers, and research institutions with specialized research interest, and in many cases, clinical expertise in the management of this specific medical condition. The *Centers of Research* directory is a valuable resource for quickly identifying and locating leading medical authorities and medical institutions within the United States and other countries that are considered to be at the forefront in clinical research and treatment of this disorder.

Use the *Centers of Research* directory to contact, consult, or network with leading experts in the field and to locate a hospital or medical center that can help you.

The following information is provided in the *Centers of Research* directory:

- **Geographic Location**

- United States: the information is divided by individual states listed in alphabetical order. Not all states may be included.
- Other Countries: information is presented for select countries worldwide listed in alphabetical order. Not all countries may be included.

- **Names of Authors**

- Select names of individual authors (doctors, researchers, or other health-care professionals) with specialized research interest, and in many cases, clinical expertise in the management of this specific medical condition, who have recently published articles in leading medical journals about the condition.
- E-mail addresses for individual authors, if listed on their specific publications, is also provided.

- **Institutional Affiliations**

- Next to each individual author's name is their **institutional affiliation** (hospital, medical center, or research institution) where the study was conducted as listed in their publication(s).
- In many cases, information about the specific **department** within the medical institution where the individual author was located at the time the study was conducted is also provided.

Centers of Research

United States

CA - California

<u>Name of Author</u>	<u>Institutional Affiliation</u>
Aboujaoude E	Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA 94305, USA. eaboujaoude@stanford.edu
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Saxena S	Obsessive-Compulsive Disorders Program, University of California, San Diego, CA 92037, USA. ssaxena@ucsd.edu
Stein MB	Department of Psychiatry, University of California, San Francisco, San Francisco, California 94143-0894, USA. cmathews@lppi.ucsf.edu

CT - Connecticut

<u>Name of Author</u>	<u>Institutional Affiliation</u>
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Leckman JF	Child Study Center, Yale University School of Medicine, PO Box 2070900, New Haven, CT 06520, USA. michael.bloch@yale.edu
Lombroso PJ	Child Study Center, Yale University School of Medicine, New Haven, CT 06520, United States. paul.lombroso@yale.edu
Scahill L	Child Study Center, Yale University School of Medicine, New Haven, CT 06520, United States. paul.lombroso@yale.edu
Tolin DF	Institute of Living/Hartford Hospital, 200 Retreat Avenue, Hartford, CT 06106, USA. gdiefen@harthosp.org

The **Centers of Research** in the complete **Medifocus Guidebook on Obsessive-Compulsive Disorder** includes the following sections:

- Centers of Research for relevant states in the United States
- Centers of Research listed for relevant countries outside the United States

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5 - Tips on Finding and Choosing a Doctor

Introduction

One of the most important decisions confronting patients who have been diagnosed with a serious medical condition is finding and choosing a qualified physician who will deliver a high level and quality of medical care in accordance with currently accepted guidelines and standards of care. Finding the "best" doctor to manage your condition, however, can be a frustrating and time-consuming experience unless you know what you are looking for and how to go about finding it.

The process of finding and choosing a physician to manage your specific illness or condition is, in some respects, analogous to the process of making a decision about whether or not to invest in a particular stock or mutual fund. After all, you wouldn't invest your hard earned money in a stock or mutual fund without first doing exhaustive research about the stock or fund's past performance, current financial status, and projected future earnings. More than likely you would spend a considerable amount of time and energy doing your own research and consulting with your stock broker before making an informed decision about investing. The same general principle applies to the process of finding and choosing a physician. Although the process requires a considerable investment in terms of both time and energy, the potential payoff can be well worth it--after all, what can be more important than your health and well-being?

This section of your Guidebook offers important tips for how to find physicians as well as suggestions for how to make informed choices about choosing a doctor who is right for you.

Tips for Finding Physicians

Finding a highly qualified, competent, and compassionate physician to manage your specific illness or condition takes a lot of hard work and energy but is an investment that is well-worth the effort. It is important to keep in mind that you are not looking for just any general physician but rather for a physician who has expertise in the treatment and management of your specific illness or condition. Here are some suggestions for where you can turn to identify and locate physicians who specialize in managing your disorder:

- **Your Doctor** - Your family physician (family medicine or internal medicine specialist) is a good starting point for finding a physician who specializes in your illness. Chances are that your doctor already knows several specialists in your geographic area who specialize in your illness and can recommend several names to you. Your doctor can also provide you with information about their qualifications, training, and hospital affiliations.

The **Tips on Finding and Choosing a Doctor** in the complete **Medifocus Guidebook on Obsessive-Compulsive Disorder** includes additional information that will assist you in locating a highly qualified and competent physician to manage your specific illness.

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6 - Directory of Organizations

American Academy of Child and Adolescent Psychiatry

3615 Wisconsin Avenue, N.W., Washington, D.C.20016-3007

202-966-7300

clinical@aacap.org

www.aacap.org/index.wv

American Psychiatric Association

1000 Wilson Boulevard, Suite 1825, Arlington, Va. 22209-3901

703-907-7300

apa@psych.org

www.psych.org/

American Psychological Association

750 First Street, NE, Washington, DC 20002-4242

800-374-2721; 202-336-5500; TDD/TTY: 202-336-6123

www.apa.org/

Anxiety Disorders Association of America

8730 Georgia Ave., Suite 600 Silver Spring, MD 20910

240-485 -1001

information@adaa.org

www.adaa.org/

Association for Behavioral and Cognitive Therapies

305 7th Avenue, 16th Fl., New York, NY 10001

212-647-1890

www.aabt.org/

Canadian Psychiatric Association

141 Laurier Avenue West, Suite 701, Ottawa, Ontario, K1P 5J3

613-234-2815

cpa@cpa-apc.org

www.cpa-apc.org/

The **Directory of Organizations** in the complete **Medifocus Guidebook on Obsessive-Compulsive Disorder** includes a list of selected disease organizations and support groups that are helping people diagnosed with Obsessive-Compulsive Disorder.

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