Step on a Crack... Obsessive-Compulsive Disorder

People with obsessive-compulsive disorder (OCD), an anxiety disorder, suffer intensely from recurrent, unwanted thoughts (obsessions) and/or repetitive behaviors (compulsions) that they feel they cannot control. Repetitive behaviors such as handwashing, counting, checking, or cleaning are often performed with the hope of preventing obsessive thoughts or making them go away. Performing these so-called "rituals," however, provides only temporary relief, and not performing them markedly increases anxiety. Left untreated, obsessions and the need to carry out rituals can take over a person's life. OCD is often a chronic, relapsing illness. Fortunately, research—including studies supported by NIMH—has led to the development of treatments to help people with OCD.

Facts About OCD

- Approximately 3.3 million American adults ages 18 to 54, or about 2.3 percent of people in this age group in a given year, have OCD.
- The first symptoms of OCD often begin during childhood or adolescence.²
- OCD is equally common in males and females.²
- OCD is sometimes accompanied by depression, eating disorders, substance abuse, or other anxiety disorders.
 Symptoms of OCD can also coexist and may even be part of a spectrum of

other brain disorders, such as Tourette's syndrome. Appropriate diagnosis and treatment of other co-occurring disorders are important to successful treatment of OCD.

Treatments for OCD

Treatments for OCD include medications and behavioral therapy, a specific type of psychotherapy. The combination of these treatments is often most effective.

Several medications have been proven helpful for people with OCD: clomipramine, fluoxetine, fluvoxamine, sertraline, and paroxetine. If one drug does not work, others should be tried. A number of additional medications are currently being studied.

A type of behavioral therapy known as "exposure and response prevention" is very useful for treating OCD. In this approach, a person is deliberately and voluntarily exposed to whatever triggers the obsessive thoughts, and then is taught techniques to avoid performing the compulsive rituals and to deal with the anxiety.



Research Findings

There is growing evidence that OCD represents abnormal functioning of brain circuitry, probably involving a part of the brain called the striatum. OCD is not caused by family problems or attitudes learned in childhood, such as an inordinate emphasis on cleanliness, or a belief that certain thoughts are dangerous or unacceptable.

Brain imaging studies using a technique called positron emission tomography (PET) have compared people with and without OCD. Those with OCD have patterns of brain activity that differ from people with other mental illnesses or people with no mental illness at all. In addition, PET scans show that in individuals with OCD, both behavioral therapy and medication produce changes in the striatum. This is graphic evidence that both psychotherapy and medication affect the brain.

For More Information

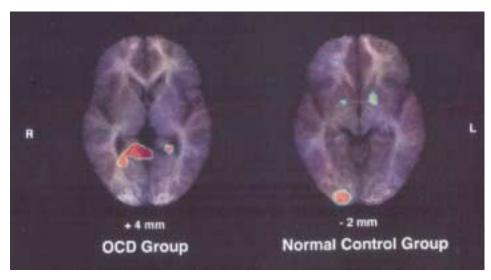
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Persons with OCD use different brain circuitry in performing a cognitive task than people without the disorder ⁷

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NIH Publication No. 01-4598



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National Institute of Mental Health. Title. Bethesda (MD): National Institute of Mental Health, National Institutes of Health, US Department of Health and Human Services; Year of Publication/Printing [Date of Update/Revision; Date of Citation]. Extent. (NIH Publication No XXX XXXX). Availability.

A specific example is:

National Institute of Mental Health. Childhood-Onset Schizophrenia: An Update from the National Institute of Mental Health. Bethesda (MD): National Institute of Mental Health, National Institutes of Health, US Department of Health and Human Services; 2003 [cited 2004 February 24]. (NIH Publication Number: NIH 5124). 4 pages. Available from: http://www.nimh.nih.gov/publicat/schizkids.cfm