

### What is obsessive-compulsive disorder (OCD)?

**Obsessions** are intrusive, irrational thoughts—unwanted ideas or impulses that repeatedly appear in a person's mind. Again and again, the person experiences disturbing thoughts, such as “My hands must be contaminated;” “I need to wash them;” “I may have left the gas stove on;” “I need to go check it fast.” On one level, the person experiencing these thoughts knows their obsessions are irrational. But on another level, he or she fears these thoughts might be true. Trying to avoid such thoughts creates great anxiety, distress and dysfunction.

**Compulsions** are repetitive rituals such as hand washing, counting, checking, hoarding or arranging. An individual repeats these actions many times throughout the day and performing these actions releases anxiety, but only momentarily. People with OCD feel they must perform these compulsive rituals or something bad will happen to them or their loved ones.

Obsessive-compulsive disorder occurs when an individual experiences obsessions and compulsions for more than an hour each day, in a way that interferes with his or her life. The National Institute of Mental Health estimates that more than 2 percent of the U.S. population, or nearly one out of every 40 people, will be diagnosed with OCD at some point in their lives. The disorder is two to three times more common than schizophrenia and bipolar disorder.

### Who can get OCD?

People from all walks of life can get OCD. It strikes people of all social and ethnic groups and both males and females. Symptoms typically begin during childhood, the teenage years or young adulthood. The sudden appearance of OCD symptoms later in life merits a thorough medical evaluation to ensure that another illness is not the cause of these symptoms.

### What causes OCD?

People with OCD can often say "why" they have obsessive thoughts or “why” they behave compulsively, but the thoughts and the behavior continue. A large body of scientific evidence suggests that OCD results from a chemical imbalance in the brain. For years, mental health professionals incorrectly assumed OCD resulted from bad parenting or personality defects. This theory has been disproven over the last few decades. People whose brains are injured sometimes develop OCD, which suggests it is a medical condition.

Genetics are thought to be very important in OCD. If you, or your parent or sibling, have OCD, there's close to a 25 percent chance that another of your immediate family members will have it.

### What are behaviors typical of people who live with OCD?

People who do the following may have OCD:

- Repeatedly check things, perhaps dozens of times, before feeling secure enough to leave the house. Is the stove off? Is the door locked?
- Fear they will harm others. Example: A man's car hits a pothole on a city street and he fears it was actually a pedestrian and drives back to check for injured persons.
- Feel dirty and contaminated. Example: A woman is fearful of touching her baby because she might contaminate the child and cause a serious infection.
- Constantly arrange and order things. Example: A child can't go to sleep unless he lines up all his shoes correctly.
- Are ruled by numbers, believing that certain numbers represent good and others represent evil. Example: a college student is unable to send an email unless the "correct sequence of numbers" is recalled prior to using his computer.
- Are excessively concerned with sin or blasphemy in a way that is not the cultural or religious norm for other members of their community. Example: a woman must recite "Hail Mary" thirty-three times every morning before getting out of bed and is frequently late for work because of this.

### Can OCD be effectively treated?

OCD will not go away by itself, so it is important to seek treatment. Although symptoms may become less severe from time to time, OCD is a chronic disease. Fortunately, effective treatments are available that make life with OCD much easier to manage. OCD symptoms are not cured by talking about them and "trying to make it go away." With medication and behavior therapy, OCD can be treated effectively. Both medications and behavioral therapy affect brain chemistry, which in turn affects behavior. Doctors are also increasingly aware of the role that regular exercise, getting enough sleep, and a healthy diet have in the treatment of OCD. If a person with OCD can live a healthy lifestyle and receive effective treatment of any other medical conditions they might have, it is likely that their OCD symptoms will improve.

*Reviewed by Ken Duckworth, M.D., and Jacob L. Freedman, M.D., April 2012*