

Alcoholism

Alcoholism

Alcohol dependence; Alcohol abuse

Definition [Return to top](#)

Alcoholism is drinking alcoholic beverages at a level that interferes with physical health, mental health, and social, family, or job responsibilities.

Causes [Return to top](#)

Alcoholism is a type of drug addiction. There is both physical and mental dependence on alcohol.

Alcoholism is divided into 2 categories: dependence and abuse. People who are dependent on alcohol spend a great deal of time drinking alcohol, and getting it.

Physical dependence involves:

- A need for increasing amounts of alcohol to get drunk or achieve the desired effect (tolerance)
- Alcohol-related illnesses
- Memory lapses (blackouts) after drinking episodes
- Withdrawal symptoms when alcohol use is stopped

The most severe drinking behavior includes long drinking binges that lead to mental or physical problems. Some people are able to gain control over their dependence in earlier phases before they totally lose control. But no one knows which heavy drinkers will be able to regain control and which will not.

There is no known common cause of alcoholism. However, several factors may play a role in its development. A person who has an alcoholic parent is more likely to become an alcoholic than a person without alcoholism in the immediate family.

Research suggests that certain genes may increase the risk of alcoholism, but which genes or how they work is not known.

Psychological factors may include:

- A need for anxiety relief
- Conflict in relationships
- Depression
- Low self-esteem

Social factors include:

- Ease of getting alcohol
- Peer pressure
- Social acceptance of alcohol use
- Stressful lifestyle

The incidence of alcohol intake and related problems is rising. Data indicate that about 15% of people in the United States are problem drinkers, and about 5% to 10% of male drinkers and 3% to 5% of female drinkers could be diagnosed as alcohol dependent.

Symptoms [Return to top](#)

Alcohol affects the central nervous system as a depressant. This leads to a decrease in:

- Activity
- Anxiety
- Inhibitions
- Tension

Even a few drinks can change behavior, slow motor skills, and decrease the ability to think clearly. It can impair concentration and judgment. Drinking a lot of alcohol can cause drunkenness (intoxication).

Some of the symptoms of alcoholism include:

- Abdominal pain
- Confusion
- Drinking alone
- Episodes of violence with drinking
- Hostility when confronted about drinking
- Lack of control over drinking -- being unable to stop or reduce alcohol intake
- Making excuses to drink
- Nausea and vomiting
- Need for daily or regular alcohol use to function
- Neglecting to eat
- Not caring for physical appearance
- Numbness and tingling
- Secretive behavior to hide alcohol use
- Shaking in the morning

[Alcohol withdrawal](#) develops because the brain adapts to the alcohol and cannot function well without the drug. Symptoms of withdrawal may include:

- Anxiety
- Confusion or seeing and hearing things that aren't there (hallucinations)
- Death (rarely)
- Increased blood pressure
- Loss of appetite, nausea, or vomiting
- [Psychosis](#)
- Raised temperature
- Rapid heart rate
- Restlessness or nervousness
- Seizures
- Tremors

Exams and Tests [Return to top](#)

Men who have 15 or more drinks a week, women who have 12 or more drinks a week, or anyone who has 5 or more drinks per occasion at least once a week are all at risk for developing

alcoholism. (One drink is defined as a 12-ounce bottle of beer, a 5-ounce glass of wine, or a 1 1/2-ounce shot of liquor).

All doctors should ask their patients about their drinking. The health care provider can get a history from the family if the affected person is unwilling or unable to answer questions. A physical examination is done to identify physical problems related to alcohol use.

The following questions are used by the National Institute on Alcohol Abuse and Alcoholism to screen for alcohol abuse or dependence:

- Do you ever drive when you have been drinking?
- Do you have to drink more than before to get drunk or feel the desired effect?
- Have you felt that you should cut down on your drinking?
- Have you ever had any blackouts after drinking?
- Have you ever missed work or lost a job because of drinking?
- Is someone in your family worried about your drinking?

Tests for alcohol abuse include:

- A [toxicology screen](#) or blood alcohol level (this can tell whether someone has recently been drinking alcohol, but it does not necessarily confirm alcoholism)
- [Complete blood count](#) (CBC)
- [Folate tests](#)
- [Liver function tests](#)
- [Serum magnesium](#)
- Total protein
- [Uric acid](#)

Treatment [Return to top](#)

Those who are dependent need to stop drinking alcohol (abstinence). Those who are problem drinkers may be successful with moderation. Because many people refuse to believe that their drinking is out of control, trying moderation can often be an effective way to deal with the problem. If it succeeds, the problem is solved. If not, the person is usually ready to try abstinence.

Three general steps are involved in treatment once the disorder has been diagnosed:

- Intervention
- Detoxification
- Rehabilitation

INTERVENTION

Many people with alcohol problems don't recognize when their drinking gets out of hand. In the past, treatment providers believed that alcoholics should be confronted about their drinking problems, but now research has shown that compassion and empathy are more effective.

Studies find that more people enter treatment if their family members or employers are honest with them about their concerns, and try to help them to see that drinking is preventing them from reaching their goals.

DETOXIFICATION

Withdrawal from alcohol is done in a controlled, supervised setting in which medications relieve symptoms. Detoxification usually takes 4 to 7 days.

Examination for other medical problems is necessary. For example, liver and blood clotting problems are common.

A balanced diet with vitamin supplements is important. Complications can occur with alcohol withdrawal, such as delirium tremens ([DT's](#)), which could be fatal. Depression or other mood disorders should be evaluated and treated. Often, alcohol abuse develops from efforts to self-treat an illness.

REHABILITATION

After detoxification, alcohol recovery or rehabilitation programs can help people stay off alcohol. These programs usually offer counseling, psychological support, nursing, and medical care. Therapy involves education about alcoholism and its effects.

Many of the staff members at rehabilitation centers are recovering alcoholics who serve as role models. Programs can be either inpatient, where patients live in the facility during the treatment, or outpatient, where patients attend the program while they live at home.

Medications are sometimes prescribed to prevent relapses.

- Acamprosate is a new drug that has been shown to lower relapse rates in those who are alcohol dependent.
- Disulfiram (Antabuse) produces very unpleasant side effects if you drink even a small amount of alcohol within 2 weeks after taking the drug.
- Naltrexone (Vivitrol) decreases alcohol cravings. It is available in an injected form.

You cannot take these medications if you are pregnant or have certain medical conditions. Long-term treatment with counseling or support groups is often necessary. The effectiveness of medication and counseling varies.

Support Groups [Return to top](#)

Support groups are available to help people who are dealing with alcoholism. Alcoholics Anonymous is a self-help group of recovering alcoholics that offers emotional support and a model of abstinence for people recovering from alcohol dependence. There are local chapters throughout the United States.

Members of AA:

- Are given a model of recovery by seeing the accomplishments of sober members of the group
- Have help available 24 hours a day
- Learn that it is possible to participate in social functions without drinking

Because alcoholism can also affect those around the person with the alcohol problem, family members often need counseling. Al-Anon is a [support group](#) for spouses and others who are affected by someone else's alcoholism. Alateen provides support for teenage children of alcoholics.

If you don't like the 12-step approach, there are several other support groups available. It is important to know about these other groups because in the past, those who did not find AA helpful or were troubled by its involvement of a "Higher Power" had no alternatives.

SMART recovery uses cognitive methods to help people with alcoholism recover. LifeRing recovery and SOS are two other non-religious programs. Women For Sobriety is a self-help group just for women - many women with alcohol problems have different concerns than men. Moderation Management is a program for problem drinkers who want to moderate their drinking. It recommends abstinence for people who fail at moderation.

See also: [Alcoholism - support group](#)

Outlook (Prognosis) [Return to top](#)

Only 15% of people with alcohol dependence seek treatment for this disease. Starting drinking again after treatment is common, so it is important to maintain support systems in order to cope with any slips and ensure that they don't turn into complete reversals.

Treatment programs have varying success rates, but many people with alcohol dependency make a full recovery.

Possible Complications [Return to top](#)

- Brain degeneration
- Cancers of the larynx, esophagus, liver, and colon
- [Cirrhosis of the liver](#)
- Delirium tremens (DTs)
- [Depression](#)
- [Esophageal bleeding](#)
- [Heart muscle damage](#)
- High blood pressure
- [Insomnia](#)
- [Liver disease](#) (alcoholic hepatitis)
- Nausea, vomiting
- [Nerve damage](#)
- [Pancreatitis](#)
- Poor nutrition because vitamins aren't absorbed properly
- Problems getting an erection in men
- Severe memory loss
- Stopping of the period (menstruation) in women
- [Suicide](#)
- [Wernicke-Korsakoff syndrome](#)

[Alcohol consumption](#) during pregnancy can cause severe birth defects. The most serious is [fetal alcohol syndrome](#), which may lead to mental retardation and behavior problems. A milder form of the condition that can still cause lifelong problems is called fetal alcohol affects.

People who are dependent on or who abuse alcohol continue to drink it despite physical or mental problems. They may have problems with binge drinking (drinking 6 or more drinks at one sitting). Those with dependence have more severe problems and a greater need to drink.

Alcoholism is a major social, economic, and public health problem. Alcohol is involved in more than half of all accidental deaths and almost half of all traffic deaths. A high percentage of suicides involve the use of alcohol along with other substances.

People who abuse or are dependent on alcohol are more likely to be unemployed, involved in domestic violence, and have problems with the law (such as drinking and driving).

When to Contact a Medical Professional [Return to top](#)

If you or someone you know has alcohol dependence and develops severe confusion, seizures, bleeding, or other health problems, go to the emergency room or call the local emergency number such as 911.

Prevention [Return to top](#)

Educational programs and medical advice about alcohol abuse can help decrease alcohol abuse and its problems. Alcohol dependency needs more intensive management.

The National Institute on Alcohol Abuse and Alcoholism recommends that women have no more than 1 drink per day and men no more than 2 drinks per day. One drink is defined as a 12-ounce bottle of beer, a 5-ounce glass of wine, or a 1 1/2-ounce shot of liquor.

References [Return to top](#)

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