

# Alcoholism

This is a serious disease, which is characterized by an addiction to the use of alcoholic beverages with the formation of first mental and physical dependence

## Acute intoxication

The stages of alcohol intoxication:

- ❖ Mild euphoria
- ❖ Narcotic sleep
- ❖ Coma
- ❖ Death by respiratory arrest

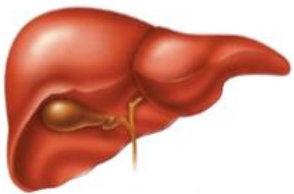
## Chronic intoxication (Prolonged abuse)

The stages:

- ❖ Damage to various cortical centers of the brain
- ❖ Personality degradation

## Which organs are affected by alcoholism:

### LIVER



- **Toxic hepatitis** (constant load and direct toxic effects lead to the development of toxic hepatitis)
- **Cirrhosis** (as the dead liver cells are replaced by connective tissue develops liver cirrhosis);
- **Liver failure** (the liver ceases to perform its functions, the body accumulates uncleared "waste" of activity. Then there's liver failure and the end of it will be

- **Hepatic coma and death**

### VESSELS

- **Atherosclerosis**
- **High blood pressure**
- **Hypertensive crises** (they lead to the development to strokes)

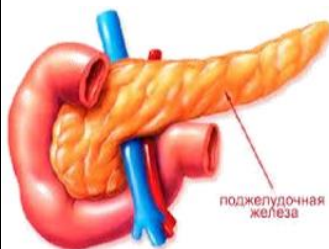
### PANCREAS

(Acute poisoning of alcohol can lead to that the pancreas will digest itself.)

- **Acute pancreatic necrosis**

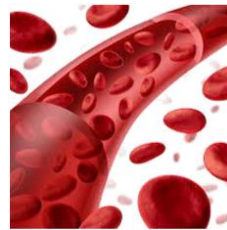
- **Peritonitis**

**Chronic pancreatitis** (chronic exposure to alcohol leads to degeneration of the tissues of the pancreas and the development of chronic



pancreatitis)

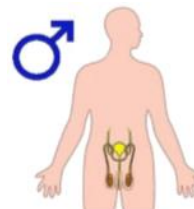
### BLOOD



- **Physical dependence** (alcohol is integrated into the metabolism and at this moment there is a physical dependence with withdrawal syndrome)
- **Anemia** (there is a deficiency of some biologically active substances - vitamins and trace elements in the body. First of all, there is a lack of folic acid and iron, which leads to the development of anemia)

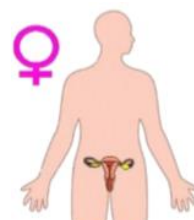
### REPRODUCTIVE SYSTEM

#### The Men



- Changes in the structure of the male reproductive glands
- Reduction of sperm production
- Genital deformation
- Drop testosterone
- The feminization of appearance (feminine traits appear)

#### THE WOMEN



- Disorders of the menstrual cycle
- Menopause occurs 10-15 years earlier
- Infertility (the ovaries undergo fatty rebirth and the eggs stop to mature)
- The virilization of appearance

# HEART



- **Arrhythmias** is a constant companion of alcoholism. Severe rhythm disturbances occur, such as ventricular fibrillation, when cardiac muscle fibers contract not all at the same time, but each separately)

- **Chronic heart failure**(there is a gradual thinning and stretching of the walls of the heart, alcohol-damaged myocardial cells are replaced by connective tissue, the contractility of the heart decreases, developing chronic heart failure)

(male traits appear )

## PREGNANCY

**the expectant mother can't consume alcohol during pregnancy!** Any amount of alcohol crosses the placenta and completely enters the nervous system of the unborn child, and damage the brain.

- **"Fetal alcohol syndrome"**
- **Genetic defects and congenital deformities**

