

Some drugs often make person dependent on them, or addicted. These may be called as addictive drugs. By using such drug, the person's body becomes familiar to it and the user cannot function well without it.

In this chapter, we will learn about the functions of Pharmaceutical drugs and the dangers of the addictive drugs.

### Medicinal Drugs:

Various diseases have been made easier to treat in recent years by the production of medicinal drugs. Drugs are obtained from the following sources.

#### ➤ Synthetic drugs:

Such drugs do not occur naturally but are synthesized in laboratory. Pharmaceutical companies produce these drugs e.g. aspirin.

#### ➤ Drugs From Plants and Fungi:

Many important medicines are obtained from plants and fungi. These medicines include

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nicotine, and alcoholic beverages in popularity. |

## Drugs Addiction and Associated Problems

Drugs abusers go through withdrawal of social contract or communication. Many studies by the experts of social sciences prove that there exists a close relationship between drug addiction and crime. The compulsion for narcotic drug makes every drug addict a law violator and a criminal. Mere possession of a narcotic drug is a violation of the law. Thus, every drug addict is subject to arrest by the police.

|The Jails and prisons of our country are full of such people who have committed no other crime than the illegal possession of narcotics. |

Most narcotics addicts get involved in various types of crime e.g. robbery, shoplifting,

# Antibiotic Resistance

Antibiotics are extremely important in medicine, but unfortunately bacteria are capable of developing resistance to them. Such bacteria are not affected by commonly used antibiotics.

| when bacteria are exposed to the same antibiotics over and over; they can change and are no longer affected by the drug. |

Bacteria have number of ways of developing resistance. Sometimes, their internal mechanism stops the working of antibiotic. Bacteria can also transfer the genes responsible for antibiotic between them. So such resistance bacteria make it possible for other bacteria to acquire resistance. Another reason for increasing antibiotic resistance in bacteria is their use in diseases in which they have no efficacy (e.g. antibiotics are not effective against infections caused by viruses).