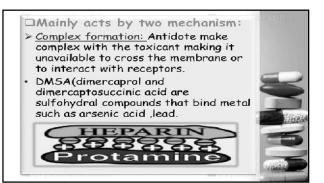
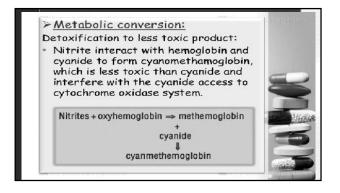


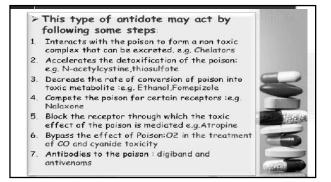
Chemical Antidote

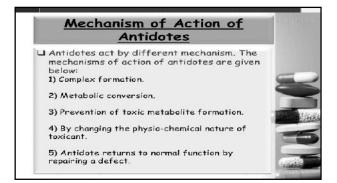
Chemical antidotes are the agents which change the chemical nature of poison.

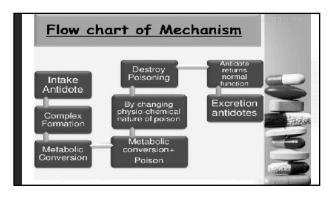
For example, Na-thiosulphate which changes toxic cyanide to the non-toxic thiocyanate;
Sodium calcium edetate chelates agents used for heavy metal poison.

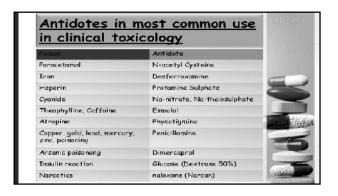




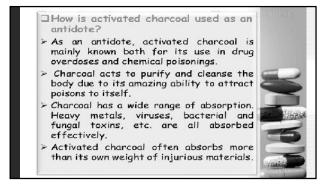


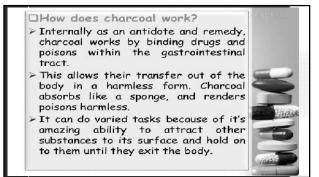


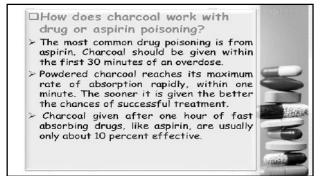


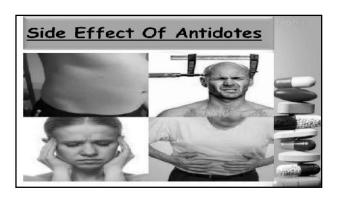


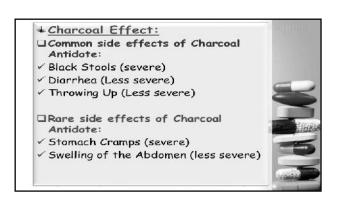


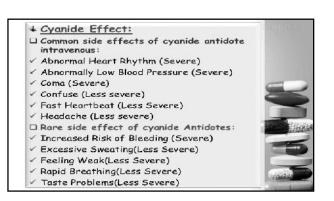


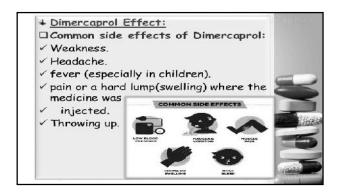












## Future Directions and Concerns The evolution of antidotal therapy has been characterized by the development of new antidotes (such as monoclonal antibodies), by new applications of existing pharmaceuticals (e.g. calcium salts), by a more scientific approach to the evaluation of effectiveness and of complications that may arise from their use, and by increased cooperation at the international level.

## Future Directions and Concerns The work of the IPCS(international programme on chemical safty) addresses international collaboration in the evaluation of new antidotes and their applications. Some concern exists regarding the possible adverse effects of antidotes used for long periods of time. For example, chronic lead exposure affecting children or pregnant mothers may necessitate repeated chelation treatments

