

**C H A P T E R - V I**

**CONCLUDING REMARKS**

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Mandur bhasma is claimed in Ayurveda to have the properties of hepatocurative effects (Sharma, 1981). In earlier studies from this laboratory we have shown its hepatoprotective properties through active regeneration of liver. The other alterations during hepatoprotection showed various lipases are involved in turnover of lipids to gain energy for the regeneration of liver (Devarshi et al ,1986)

In present work the potency of mandur bhasma as a hepatocurative drug is tested. At the half time i.e. 7 days of mandur bhasma treatment were chosen for studies since 14 days of treatment had shown total recovery of liver. During this period also 65% recovery in  $\text{CCl}_4$  + mandur bhasma treated rat and 75% recovery in  $\text{CCl}_4$  + liquid paraffin + mandur bhasma treated rat is observed with total recovery of microsomal membrane damage by restoring glucose-6-phosphatase activities and suppression of lipid peroxidation system through the manipulation of in vivo metabolism possibly triggered and managed through mandur bhasma treatment.

Thus mandur bhasma is not only hepatoprotective but it is also hepatocurative.

In the further studies it is proposed to study the metabolisms involved in these curative effects. These are to be studied with the aim to achieve the possible mechanism of action of drug which can be worked out on the basis of modern physiological and pharmacological concepts so that the claims of Ayurvedic drugs can be convinced to the physicians who practice the modern medicine. These efforts will help to use integrated medicines for human welfare.

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