

## CHAPTER V

### CONCLUSION

It may be concluded from the studies on the effects of single-dose (200 micrograms) fenoterol aerosols in asthmatic patients that :

1. Peak expiratory flow rates were significantly increased in all patients immediately in one minute after inhalation of single-dose (200 micrograms) of fenoterol aerosols and lasted at least five hours after inhalation. This indicated that fenoterol aerosols in single-dose had a rapid onset of action and long duration of action to relieve bronchial obstruction.
2. There was no significant change of pulse rate in all patients after fenoterol inhalation.
3. No significant changes of systolic blood pressure and diastolic blood pressure after inhalation of fenoterol.
4. EKG. after fenoterol inhalation showed no significantly changes from control.
5. There were no other side effects reported in all patients such as muscular tremor and shakiness.