

CHAPTER VI

CONCLUSION

The administration of 20% acetic acid induced gastric ulcer resulted in gastric hemorrhage, congestion and edema of gastric mucosa, leukocytic infiltration in gastric lesion.

The results of this study also demonstrated that the administration of *Aloe vera* powder (200 mg/kg B.W/dose) could antiinflammation, reduced TNF- α levels, reduced leukocyte adherence on postcapillary venule and elevated IL-10 levels. *Aloe vera* could also promote gastric ulcer healing by stimulated reepithelialization, and elongation of oxyntic glands.

The effect of *Aloe vera* is as good as sucralfate for treatment of gastric ulcer.

This study showed the effectiveness of *Aloe vera* powder on antiinflammation and on promoting gastric ulcer healing in rats. Therefore, it might be beneficial to do further investigation for its mechanism.