

## CHAPTER 6

### CONCLUSION AND RECOMMENDATION

In this study, we demonstrated 2 alternative regimens of cord care at home, alcohol or no antiseptic agent, which shorten the time to cord separation and satisfying parents without evidence of umbilical cord infection.

The limitations of this study include imbalance of cesarean section rate among groups, using average parental satisfaction scores calculated from 5 equal weigh items. In addition the lack of umbilical cord infection in this study is probably due to the research setting with intensive maternal education and home visits.

The suggestions for future studies are to use stratified randomization by mode of delivery and to use overall parental satisfaction scores instead of average scores. Moreover, further studies in larger general population are warrant. The study of cost-effectiveness is also important.

The benefit of this study is to apply the proper practice of umbilical cord care at home. Umbilical cord care at home using alcohol or no antiseptic agent is safe and more acceptable than prolonged use of triple dye. However, maternal education of dryness and cleanliness of umbilical cord care should be emphasized.