



## CHAPTER IX.

### CONCLUSION

The amnifiltration using the polyvinylidene difluoride filter membrane in early amniocentesis will improve the culture quality by shortening the duration time and possible decreasing culture failure. The complication occur to the pregnant women and the fetuses were minimal. Selecting the case with demonstrated good pocket of amniotic fluid and performing the culture immediately after the procedure will induce significantly more improvement of the culture quality. This amnifiltration should be evaluated in the first trimester amniocentesis (less than 12 weeks) for its efficacy. In future, prenatal diagnosis for chromosome abnormality in the first trimester will become the standard procedure for pregnant women at risk. The pregnancy termination can be performed in case of the abnormal fetus by D&C at this stage of pregnancy. The termination of the pregnancy in first trimester will cause less emotional damage and risks to the pregnant women than the second trimester termination.