

CHAPTER VI

CONCLUSION AND RECOMMENDATION

The cast immobilization after total knee arthroplasty can be used in three days postoperative period. The cast limit knee motion which produce pain and improve wound healing after operation. However it hand expense for using the cast and the patients were uncomfortable with the weight and itchy skin.

We have demonstrated that the cast after total knee arthroplasty caused less blood loss from wound drained after total knee arthroplasty than no cast. The knee motion after 8 weeks postoperation was wider in cast group than non cast group. The major wound complications was less in cast group. We recommend to use cast after total knee arthroplasty for 3 days.

We recommend further study about comparing the need for blood transfusion and the time that patient could be able to use stairs after surgery may be valuable..