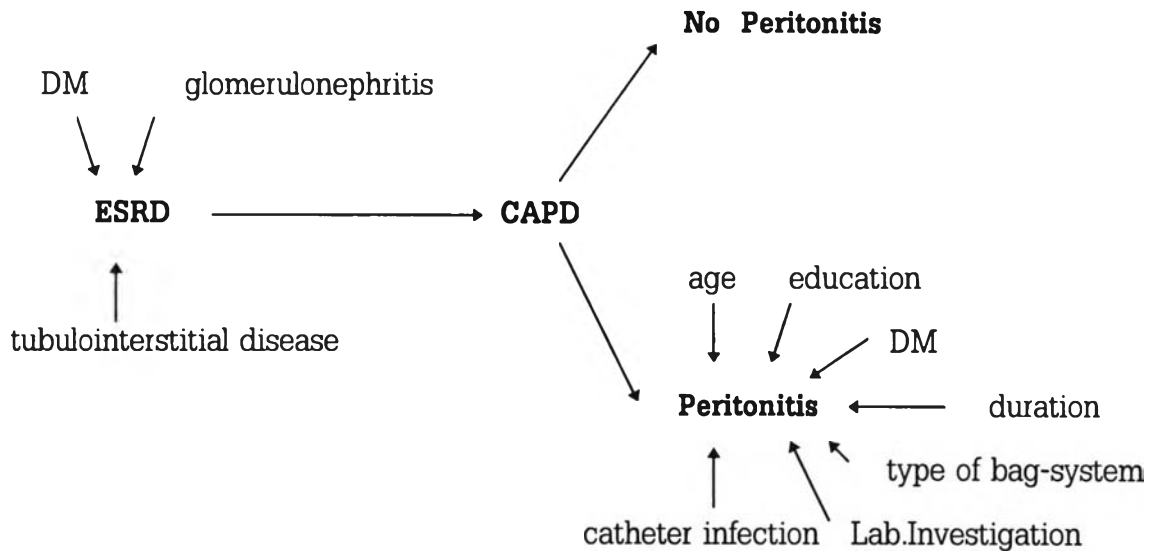


CHAPTER 3

CONCEPTUAL FRAMEWORK



The causes of end state renal disease are glomerulonephritis, tubulointerstitial disease and diabetes mellitus (DM), etc. When the disease progresses to end state renal disease (ESRD), the patients will require CAPD.

To perform CAPD, the patients, have to change the dialysate fluid in and out of their abdominal cavities by themselves. They may develop peritonitis. Some factors affect the risk of peritonitis in CAPD. Many potential risk factors will be analyzed in this study. They are the presence of catheter infection, the presence of DM, some of laboratory investigation, some base line demographic data including age, type of CAPD bags and systems, and the duration of CAPD. Aging, the presence of DM, and S.aureus infection may affect the long-term outcome of CAPD, so the effects of these factors to the survival will also be examined.