

## 혈액투석 신환에서 생존률과 연관있는 인자에 대한 고찰: 단일 센터의 15년전 혈액투석 환자군과 비교분석

순천향대학교 천안병원

석수진 · 김정훈 · 길효욱 · 양종오 · 이은영 · 홍세용

### Comparison of Patients Starting Hemodialysis with those Underwent Hemodialysis 15 Years Ago at the Same Dialysis Center in Korea

Su Jin Seok, Jung Hoon Kim, Hyo Wook Gil, Jong Oh Yang, Eun Young Lee, Sae Yong Hong

Soonchunhyang University Cheonan Hospital

**Background/Aims:** Maintenance dialysis declined death of end-stage renal disease patients; however, the mortality is still high. The aim of this study is to identify the association of clinical parameters at starting hemodialysis with survival and compare them with patients that underwent hemodialysis about 15 years ago at the same dialysis center.

**Methods:** We reviewed 117 patients that started hemodialysis between 2000 and 2004. We analyzed medical histories, laboratory findings, and clinical outcomes, and compared them with patients about 15 years ago at the same dialysis center.

**Results:** The elderly and the diabetic proportion increased from 17% and 18% in previous study to 33% and 49% in this study. Elderly and diabetic patients had much higher mortality than their counterpart. Nevertheless, the overall survival rate (66% vs. 71% in 5 years) and survival of diabetic patients improved (55% vs. 75% in 1.5 years). Common causes of death were infection and cardiovascular disease in this study; however, inadequate dialysis accounted for 25% in previous study.

**Conclusion:** The overall survival rate of hemodialysis patients has improved over the 15 year interval even with increased proportion of elderly and diabetes. Adequate of dialysis, and medical improvement could ameliorate the mortality in dialysis patients.

**Key Words:** 혈액투석, 사망률, 생존 분석

Hemodialysis, Mortality, Survival analysis