

## 장기 생존한 복막투석환자의 사망률과 관련된 인자

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### Risk Factors for Mortality in Stable Peritoneal Dialysis Patients

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**Background:** The mortality rates of ESRD patients have significantly declined over the past decade. However, there are few reports on the risk factor for mortality in stable PD patients who survive for a considerable time.

**Patients and Methods:** We reviewed the medical records and we identified all the adult patients who received PD between April 2001 and March 2009. Among these patients, those with <2 years of follow-up were excluded. Two hundred thirty-six patients were enrolled. The following data was documented from the patients' record: age at the initiation of PD, gender, the laboratory findings, the comorbidities (Davies index) and survival.

**Results:** The mean follow-up was  $62.4 \pm 24.2$  months. The cumulative survival was 95.5% at 3 years and 80.3% at 5 years. On the univariate regression analysis, old age (>60-years-of-age), hypoalbuminemia, low residual renal function (RRF) ( $\leq 4$  ml/min) and a high Davies index were associated with increased mortality for the stable PD patients. On the multivariate analysis, old age, low RRF and a high Davies index were proved to be the independent risk factors for mortality.

**Conclusion:** The preservation of the RRF and proper management of the comorbidities may help to improve the survival of stable PD patients.

**Key Words:** 복막투석, 장기생존자, 사망

Peritoneal dialysis, Long-term survivors, Mortality