

sedimentation rate (ESR), fasting blood sugar (FBS), blood urea nitrogen (BUN), creatinine, lying systolic and diastolic blood pressure, and lower hematocrit. There were also higher percentages of diabetes mellitus, or subjects who took antihyperglycemic drug, hypertension, carotid bruit, absent ankle jerk and anemia in orthostatic hypotension group. Logistic regression analysis showed that creatinine, fasting blood sugar, absent ankle jerk, lying systolic blood pressure, anemia and lying diastolic blood pressure were independent factors associated with orthostatic hypotension ($R^2 = 28.57\%$). This suggests that the underlying conditions important to orthostatic hypotension in ambulatory elderly may include a decline in renal function, diabetes mellitus, peripheral neuropathy, anemia, low lying systolic blood pressure and high lying diastolic blood pressures.

Comparison of subjects with and without orthostatic symptoms during the examination (n = 82 and 201, respectively) showed that the former had lower age, red blood cell count, albumin and sodium, and had higher percentages of subject with heart disease, night blindness, incontinence and positive Romberg sign. The lack of association between orthostatic symptom and orthostatic hypotension, together with the discrepancy in the factors important to these two conditions, suggests that orthostatic hypotension and symptom may have different pathogenesis.

Ten subjects could be classified as having age-related orthostatic hypotension. Comparison of cardiovascular autonomic function tests between 6 in this group and 27 controls yielded similar results in both groups (Mann-Whitney U test). Therefore autonomic dysfunction may not be a contributing factor in age-related orthostatic hypotension. More subjects with age-related orthostatic hypotension are needed for more conclusive data on factors related to this condition.