ALL-CAUSE MORTALITY IN THE ELDER-A 10-YEAR URIC ACID AND CARDIOVASCULAR DISEASE AND 尿酸與老人死亡或心血管疾病死亡之相關性 POPULATION-BASED COHORT STUDY 10 年追蹤世代研究

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all-cause mortality, however, is not clear in the elderly Taiwanese disease (CVD) in general population. This relationship between uric acid and CVD and Background: Elevated serum uric acid level increased the risk of cardiovascular

all-cause mortality in the elderly. Objective: We aim to investigate the association between uric acid and CVD and

period. risks (RRs) of CVD and all-cause mortality for uric acid level during a 10-year follow-up selected. Cox proportional hazards regression analyses were used to estimate the relative Mid-Taiwan in 1997-1998. Among these participants, 588 with uric acid data were Design: A baseline cohort of 1,096 aged 65 and above participants was recruited in

which revealed dose-response effects increased uric acid level was associated with increased CVD and all-cause mortality the result among all cause and CVD mortality still showed significant. Furthermore, with uric acid quartile I(1.20-5.75mg/dL). Despite restricting survival days over 1 year, IV(8.15-14.10 mg/dL) were 3.00(1.09-8.23) and 1.88(1.06-3.33) respectively, compared the RRs (95% CI) of CVD and all-cause hypercholestemia, hypertriglycemia, chronic kidney disease), BMI and economical status, consumption, betel nut chewing and exercise), chronic disease(hypertension and diabetes, to CVD. After adjustment for age, sex, social habit (cigarette smoking, alcohol Results: There were 183 deaths during the follow-up period, 55 of which were due mortality among the uric acid quartile

and all-cause mortality in the elderly Taiwanese. Regular medical intervention for elderly Taiwanese with high serum uric acid is necessary. Conclusions: Elevated serum uric acid level was an independent predictor for CVD 4