Method A group of 2332, 1828, 2277 elderly residents aged ≥60 in Beijing were chosen into this study in the year 2000, 2004, 2007 by well-established statistical sampling techniques such as cluster, stratification and random selection, and epidemiological trend of elderly hypertension was analysed by x² analysis.

Result The prevalence rate (69.2%, 61.9%, 56.0%) of hypertension and the control rate (22.6%, 16.7%, 21.5%) lowered annually, and awareness rate (45.7%, 55.8%, 57.6%) of treatment elevated annually. There was no rising in the control rate of male (26.2%, 16.7%, 20.8%), less older (28.0%, 18.4%, 21.0%) and rural (19.5%, 9.6%, 13.4%).

Conclusion The results indicate that the prevalence of hypertension is high in the elderly rural people, while the rates of awareness, treatment and control are low. It suggests that effective public measures need to be developed to improve the prevention and control of hypertension.

HOW LOW WE SHOULD GO IN ELDERLY PATIENTS WITH TYPE 2 DIABETES AND HYPERTENSION IN CHINESE HAN PEOPLE

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Background The benefits of lowering systolic blood pressure (SBP) below 140 mm Hg in elderly patients with type 2 diabetes and hypertension are unclear.

Methods Elderly (age ≥65 years) patients with type 2 diabetes and hypertension underwent 12-lead ECG. The R-wave voltage in lead aVL (RaVL ≥0.57 mV) was used to assess CVD risk. GFR was estimated by Cockcroft-Gault formula. 235 patients were tight SBP controlled (140 mm Hg), and 472 patients were less tight SBP controlled (130 mm Hg), and 472 patients were less tight SBP controlled (130 mm Hg).

Results The height of RaVL and risk of the height of RaVL ≥0.57 mV was no significance difference between the two groups, but some decline in eGFR was found in the less tight control group (adjusted mean 55.61 vs 59.65, p=0.06) although the decrease was not statistically significant.

Conclusions In elderly patients with type 2 diabetes and hypertension, to achieve the target SBP of below 140 mm Hg seems reasonable.

A REPORT OF 511 INHOSPITAL CARDIOPULMONARY RESUSCITATION BASED ON THE UTSTEIN STYLE

Song Wei, Chen Shi, Lan Baqiong, Mo Defana, He Ningninga.

Objective To investigate the prevalence of metabolic syndrome (MS) in Xinjiang Kazak populations, and explore the effect of metabolic syndrome on Carotid artery intima-media thickness in Kazak populations.

Methods A cross sectional study was conducted in 1610 kazak participants aged from 19 years to 98 years (mean±5D, 46.7±12; 654 men and 956 women) in Xinjiang Yili. The National Cholesterol Education Program (NCEP) criteria for MS were used in the study. Carotid intima-media thickness (IMT) was measured by echo-cardiography. According to NCEP criteria, populations were divided into MS group and non-MS group.

Results The prevalence rate of MS by the NCEP criteria Was 40.1% (44.8% in men and 36.9% in women). IMT was significantly higher in MS group than non-MS group (p<0.05).