**Joint association of low vitamin K1 and D status with first stroke in general hypertensive adults: results from the China Stroke Primary Prevention Trial (CSPPT)**

**Supplemental materials**

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| **Supplemental Figure 1** Flow chart of the study participants using a nested case–control design (CSPPT: China Stroke Primary Prevention Trial). |

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| **Supplemental Figure 2** Forest plots on the association of plasma vitamin K1 with the risk of incident total stroke (adjusted OR and 95%CI), stratified by pertinent covariables. In addition to the matching factors (age, sex, treatment group, study site), the models adjusted for body mass index, baseline systolic blood pressure, time-averaged systolic blood pressure and diastolic blood pressure during treatment, baseline fasting blood glucose, total cholesterol, triglycerides, folate, antihypertensive treatment, **smoking status** and **antiplatelet drug usage** at baseline. CI: confidence interval; OR: odds ratio. |

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| **Supplemental Figure 3** Forest plots on the association of plasma vitamin K1 with the risk of incident ischemic stroke (adjusted OR and 95%CI), stratified by pertinent covariables. In addition to the matching factors (age, sex, treatment group, study site), the models adjusted for body mass index, baseline systolic blood pressure, time-averaged systolic blood pressure and diastolic blood pressure during treatment, baseline fasting blood glucose, total cholesterol, triglycerides, folate, antihypertensive treatment, **smoking status** and **antiplatelet drug usage** at baseline. CI: confidence interval; OR: odds ratio. |