

Supplementary Table S1: The detailed information of questionnaire in this study.

Survey on related factors of esophageal cancer in high risk region

Identification Card Number: _____

Dear all:

The mortality and mortality of esophageal cancer were relatively high, with 5.90 new onsets and 5.48 deaths per 100000 persons worldwide, ranking 7th and 6th respectively among all cancers. In China, there are some high incidence regions of esophageal cancer, involving Feicheng City and Wuwei City. In order to investigate the related factors, Capital Medical University together with two designated local hospitals carried out this survey and please fill in the following questionnaire seriously. This survey is based on the National Key R&D Program of China and all the contents of questionnaire will be kept confidential. Thank you for your cooperation.

Part A: Demographic characteristics

1. name: _____
2. sex: ①male ②female
3. birth: _____
4. race: _____
5. height: _____ cm
6. weight: _____ kg
7. marriage: ①married ②others
8. income: ① \geq 50,000 per capita per year ② $<$ 50,000 per capita per year
9. education: ①illiteracy ②primary ③middle or high school ④bachelor or above
10. residence: _____

Part B: Life behavior and disease history

1. smoke: ①yes (at least one cigarette on daily average in past year) ②no (never or abandon)
2. drink: ①yes (at least 100 ml on daily consumption of 50% alcohol) ②no (never or abandon)
3. History of gastrointestinal disease diseases involving gastroenteritis and peptic ulcer:
①yes ②no

4. Family history of gastrointestinal cancer involving esophageal cancer, gastric cancer, intestinal cancer: ①yes ②no

5. Do you have the following diseases, involving mental illness, infectious disease, autoimmune diseases or and other malignant cancers: ①yes ②no

6. Are you in pregnancy or lactation: ①yes ②no

Part C: Dietary habit

Dietary frequency of vegetables/fruits: ①never ②seldom ③often

Dietary frequency of pickled food: ①never ②seldom ③often

Dietary frequency of fried food: ①never ②seldom ③often

Dietary frequency of hot food: ①never ②seldom ③often

Dietary frequency of mildew food: ①never ②seldom ③often