

Questionnaire for Close Contacts and New Pulmonary Tuberculosis Patients

Questionnaire code: □□□□□□

Diagnostic classification:

- ☐ (1) Latent tuberculosis infection population ☐ (2) Pulmonary tuberculosis patient population

Note: Definitions of the items marked with * are provided in the Instructions for Completion.

I. Demographic Characteristics

1. Date of birth: _____ year _____ month _____ day

2. Sex: ☐ (1) Male ☐ (2) Female

3. Ethnicity: _____

4. Height: _____ cm

5. Weight: _____ kg

6. Marital status: ☐ (1) Single/unmarried ☐ (2) Married ☐ (3) Divorced ☐ (4) Widowed

7. Education level:

- ☐ (1) Illiterate or semi-literate ☐ (2) Primary school ☐ (3) Junior high school ☐ (4) Senior high school or equivalent ☐ (5) College, technical college or above

8. Occupation:

- ☐ (1) Child in nursery/kindergarten ☐ (2) Child living at home (not in collective care)
☐ (3) Student ☐ (4) Teacher ☐ (5) Childcare worker/nanny

- ☐ (6) Food and catering industry ☐ (7) Public place attendant ☐ (8) Commercial services ☐ (9) Medical staff ☐ (10) Factory worker

- ☐ (11) Migrant worker ☐ (12) Farmer ☐ (13) Herdsman ☐ (14) Fisherman ☐ (15) Seafarer/long-distance driver

- ☐ (16) Cadre/staff ☐ (17) Retired personnel ☐ (18) Housekeeping/domestic work ☐ (19) Detained person ☐ (20) Others, please specify _____

9. Physical labor intensity*:

- ☐ (1) Light-intensity labor ☐ (2) Moderate-intensity labor
☐ (3) Heavy-intensity labor ☐ (4) Very heavy-intensity labor

10. Current place of residence: ☐ (1) Rural ☐ (2) Urban

11. Time required to reach the medical institution you usually visit:

- ☐ (1) <30 minutes ☐ (2) ≥30 minutes

12. Living situation: ☐ (1) Non-solitary living ☐ (2) Solitary living

13. Household registration type:

- ☐ (1) Local (this county/district) ☐ (2) Intra-city migrant ☐ (3) Inter-city migrant
(intra-provincial)
☐ (4) Inter-provincial migrant ☐ (5) Hong Kong, Macao, and Taiwan ☐ (6) Foreign
nationality

14. Annual household income:

- ☐ (1) Below 30,000 yuan ☐ (2) 30,000–50,000 yuan ☐ (3) Above 50,000 yuan

15. Are you in a poverty* or subsistence-allowance household? ☐ (1) Yes ☐ (2) No

16. What medical insurance are you currently covered by (multiple choices allowed):

- ☐ (1) Not covered by any medical insurance ☐ (2) Publicly funded medical care
☐ (3) Employee basic medical insurance ☐ (4) Urban–rural resident basic medical
insurance
☐ (5) Commercial medical insurance ☐ (6) Student insurance
☐ (7) Other social medical insurance, please specify _____

17. Is your working environment exposed to a dusty environment* (for more than one month)? ☐ (1) Yes ☐ (2) No

18. Is your working environment exposed to chemical aerosols* (for more than one month)?

- ☐ (1) Yes ☐ (2) No

19. Is your living and working (studying) environment regularly ventilated?

☐ (1) Yes ☐ (2) No

20. Is your living and working (studying) environment regularly disinfected?

☐ (1) Yes ☐ (2) No

II. Tuberculosis-Related Information

1. Have you ever received tuberculosis health education? ☐ (1) Yes ☐ (2) No

2. Do you know that tuberculosis is an infectious disease? ☐ (1) Yes ☐ (2) No

3. Through which of the following routes is pulmonary tuberculosis mainly transmitted?

☐ (1) Respiratory tract ☐ (2) Digestive tract ☐ (3) Blood ☐ (4) Don't know

4. Which of the following symptoms do you think should raise suspicion of pulmonary tuberculosis (multiple choices allowed)?

☐ (1) Dizziness, fever ☐ (2) Cough and sputum for ≥ 2 weeks, or blood-stained sputum

☐ (3) Abdominal pain, diarrhea ☐ (4) Don't know

5. Regarding the prevention of tuberculosis transmission, which of the following statements is correct?

☐ (1) Do not spit anywhere ☐ (2) Cover the mouth and nose when coughing or sneezing

☐ (3) Wear a mask in crowded public places ☐ (4) All of the above are correct

6. Can pulmonary tuberculosis be cured?

☐ (1) All cases can be cured ☐ (2) The vast majority can be cured

☐ (3) It cannot be cured ☐ (4) Don't know

7. Do you know about latent tuberculosis infection? ☐ (1) Yes ☐ (2) No

8. Is it possible for latent tuberculosis infection to develop into active tuberculosis? ☐
(1) Yes ☐ (2) No ☐ (3) Don't know

9. BCG scar examination: ☐ (1) Present ☐ (2) Absent

III. Lifestyle and Physical Condition

1. Smoking status*:

- ☐ (1) Never ☐ (2) Occasional
☐ (3) Regular ☐ (4) Former smoker, has quit

2. Alcohol consumption status*:

- ☐ (1) Never ☐ (2) Occasional
☐ (3) Regular ☐ (4) Former drinker, has quit

3. Do you have a habit of staying up late*? ☐ (1) Yes ☐ (2) No

4. Do you usually engage in physical exercise*? ☐ (1) Yes ☐ (2) No

5. In the past six months, has your body weight decreased without obvious cause?

- ☐ (1) Weight loss of more than 3 kg ☐ (2) Weight loss of 1–3 kg
☐ (3) No weight loss

6. In the past six months, have you experienced setbacks or blows and felt depressed, gloomy, or pessimistic for an extended period? ☐ (1) Yes ☐ (2) No

7. Do you currently have any of the following diseases (multiple choices allowed):

- ☐ (1) Pneumoconiosis ☐ (2) Diabetes ☐ (3) Hypertension ☐ (4) Cardiovascular/cerebrovascular disease
☐ (5) Tumor ☐ (6) Rheumatic disease ☐ (7) AIDS or HIV positive
☐ (8) Systemic lupus erythematosus ☐ (9) Others _____; ☐ (10) No comorbidities

Signatures

Interviewee's signature: _____

Investigator's signature: _____

Quality controller's signature: _____

Date of survey: _____

Instructions for Completing the Questionnaire for Close Contacts and New Pulmonary Tuberculosis Patients

1. Part I, Question 9 — Definitions of labor intensity:

(1) Light-intensity labor: sitting posture — manual work or slight leg activity under normal conditions, such as typing, sewing, and operating foot switches; standing posture — operating instruments, controlling and inspecting equipment, and assembly work dominated by upper-arm force, such as students and teachers.

(2) Moderate-intensity labor: continuous movements of the hands and arms, such as sawing wood; work involving the arms and legs, such as operating trucks, tractors, or construction equipment; work involving the arms and trunk, such as forging, operating pneumatic tools, painting, intermittent handling of moderately heavy objects, weeding, hoeing, and picking fruits and vegetables, such as industrial and agricultural labor.

(3) Heavy-intensity labor: work loading the arms and trunk, such as carrying heavy objects, shoveling, hammer forging, sawing/planing or chiseling hardwood, mowing, and digging, such as manual forging of heavy objects and carrying heavy objects uphill.

(4) Very heavy-intensity labor: high-intensity digging and carrying, and extremely intense activities approaching maximal rhythm, such as sprinting and swimming competitions.

2. Part I, Question 15 — The poverty standard refers to rural residents whose annual per-capita living standard is below 2,300 yuan.

3. Part I, Question 17 — Definition of a dusty environment: exposure to various harmful dusts during geological exploration and production, including blasting, ore handling, drilling pillar holes and channel sampling; sand preparation in casting operations of prospecting machinery manufacturing or repair; and crushing, sieving, and cleaning of rock/mineral samples in geological laboratories.

4. Part I, Question 18 — Definition of chemical aerosols: exposure to harmful gases during production, such as in thermal power plants, steel plants, petrochemical enterprises, metallurgical enterprises, and industries such as electroplating, spray painting, printing, plastics, and pharmaceuticals.

5. Part III, Question 1 — Definitions of smoking:

(1) Never smoked.

(2) Occasional smoker: smokes cigarettes more than 4 times per week, but on average fewer than 1 cigarette per day.

(3) Regular smoker: smokes more than 1 cigarette per day, continuously or cumulatively for 6 months.

(4) Former smokers who have quit: They meet the criteria for smokers, but were non-smokers for at least 6 consecutive months during the survey.

6. Part III, Question 2 — Definitions of alcohol consumption:

(1) Never drank.

(2) Occasional drinker: consumes alcohol or alcoholic beverages on fewer than 1 day within a week.

(3) Regular drinker: consumes alcohol or alcoholic beverages on at least 1 day within a week, continuously or cumulatively for 6 months.

(4) Former drinkers who have now quit drinking: Those who met the criteria for drinkers, but who did not consume alcohol for a continuous period of 6 months or more during the survey.

7. Part III, Question 3 — Definition of staying up late: still not having fallen asleep after 23:00 due to specific matters such as work, study, or games, whether voluntarily or involuntarily.

8. Part III, Question 4 — Definition of physical exercise: physical activity performed mainly for health purposes, with a certain intensity, frequency, and duration (30–60 minutes).

9. All of the above items are single-choice, except those marked as multiple choice.