

**Factors Associated with Patient and Health Care System Delay Among Migrant and Local Tuberculosis
Patients in Istanbul: A Cross-Sectional Study**

STUDY FORM

Name:

Patient ID:

Tuberculosis Control Dispensary:

Date:

1. Age (years):

2. Sex: 1. Female 2. Male

3. Ethnicity:

3. Country of origin:

4. Migrant status: 1. Temporary protection status (Syrian) 2. International protection status 3. Unregistered 4. Tourist visa holder 5. Application stage (temporary residence)

5. Marital status: 1. Single 2. Married/Living with partner 3. Divorced/Living separately from partner/Widowed

6. How long have you been in Türkiye (Month):

6. Smoking status: 1. Never smoked 2. Current smoker 3. Ex-smoker

7. Tobacco exposure (pack-years):

8. Alcohol use: 1. No 2. Yes

9. Substance use: 1. No 2. Yes

9. Housing: 1. Homeless/No permanent resident 2. In an apartment alone 3. In an apartment with family/friends

10. Number of rooms in the house:

11. Number of cohabitants:

12. Encountered a language barrier in health care institutions: 1. No 2. Yes

13. Turkish-speaking individuals within the household: 1. No 2. Yes

14. Education level: 1. Illiterate 2. Only literate 3. Middle school graduate 4. High school graduate 5. University and higher

15. Employment status: 1. Employed 2. Retired 3. Student 4. Unemployed (Not looking for a job) 5. Unemployed (looking for a job)

16. Occupation: 1. Worker 2. Student 3. Unemployed (not looking for a job) 4. Unemployed (looking for a job) 5. Trades 6. Retired

17. Health insurance status: 1. Employed (Insured) 2. Employed (Uninsured) 3. Unemployed

18. Comorbidity (Multiple choices): 1. No 2. Hypertension 3. Diabetes 4. COPD/Asthma 5. Cardiovascular 6. Kidney disease 7. Liver disease 8. Lung cancer 9. Cancers other than lung cancer 10. Interstitial lung disease (Other than pneumoconiosis) 11. Pneumoconiosis 12. Collagen tissue diseases 13. AIDS 14. Organ transplant (Recipient) 15. Severe allergies (Allergic asthma or urticaria required systemic corticosteroid)

19. Regular medications (Multiple choices): 1. None 2. Systemic Corticosteroid 3. Anti-TNF agents (infliximab, adalimumab, etanercept, golimumab, and certolizumab) 4. Chemotherapy 5. Antiretroviral therapy

29. Symptoms:

1. Fever 2. Cough (Presents more than 2 weeks) 3. Sputum 3. Chest pain 4. Fatigue 6. Weight loss (more than 10 percent of body weight over 6 months) 7. Night sweating 8. Haemoptysis 9. Swelling in the neck 10. Asymptomatic

19. Prior Tuberculosis (TB) treatment: 1. No 2. Yes

20. Initial visited health facility: 1. Family Health Center (Primary care public facility) 2. Migrant Health Center (Primary care public facility) 3. State Hospital – Emergency Department (Public facility) 4. Private Hospital – Emergency Department 5. State Hospital – Polyclinic 6. Private Hospital – Polyclinic 7. Tuberculosis control dispensary (TCD) 8. State University Hospital – Emergency department 9. Private University Hospital - Polyclinic

21. Number of health care facilities visited before TB diagnosis:

22. Self-medication before diagnosis: 1. No 2. Yes (the medications available at home) 3. Yes (herbal medications)

23. Contact with a patient with active TB in the last 2 years: 1 No 2. Yes 3. Unknown

24. BCG vaccination: 1. No 2. Yes 3. Unknown

25. Out-of-pocket expenses related to TB treatment before applying TCD: 1. No 2. Yes (with financial difficulties) 3. Yes (without financial difficulties)

26. Diagnostic facility: 1. Chest disease hospital (public) 2. TCDs 3. General public hospital 4. Private hospital

27. Type of tuberculosis:

1. Pulmonary 2. Extrapulmonary 3. Pulmonary and extrapulmonary (Define extrapulmonary)

28. Method of tuberculosis diagnosis: 1. Smear positive 2. Culture-positive 3. NAAT-positive 4. Clinical diagnosis

28. HIV-test status: 1. No 2. Yes (HIV positive) 3. Yes (HIV negative)

30. Date of onset of first symptom (dd/mm/yyyy):

31. Date of first admission (dd/mm/yyyy):

32. Date of diagnosis (from TCD records) (dd/mm/yyyy):

33. Date of starting treatment (from TCD records) (dd/mm/yyyy):