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Materials and Methods

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Væà^ÁÉ General characteristics of pulmonary TB and extrapulmonary TB patients, China, 2008–2017*

| Characteristic | No. (%) patients | | | Crude OR (95% CI) | p value | Adjusted OR (95% CI) | p value |
|-----------------------|------------------|-------------------|--------|-------------------|---------|----------------------|---------|
| | Pulmonary TB | Extrapulmonary TB | Total | | | | |
| Sex | | | | | | | |
| M | 8,757 (70.1) | 3,736 (29.9) | 12,493 | Referent | – | Referent | – |
| F | 4,089 (60.3) | 2,697 (39.7) | 6,786 | 1.55 (1.45–1.65) | <0.01 | 1.37 (1.27–1.47) | <0.001 |
| Age group, y | | | | | | | |
| <25 | 2,024 (56.4) | 1,563 (43.6) | 3,587 | 2.51 (2.28–2.77) | <0.01 | 1.72 (1.53–1.93) | <0.001 |
| 25–44 | 3,539 (62.7) | 2,102 (37.3) | 5,641 | 1.93 (1.77–2.11) | <0.01 | 1.55 (1.40–1.73) | <0.001 |
| 45–64 | 4,078 (69.6) | 1,782 (30.4) | 5,860 | 1.42 (1.30–1.56) | <0.01 | 1.30 (1.17–1.44) | <0.001 |
| • | 3,205 (76.5) | 9,86 (23.5) | 4,191 | Referent | – | Referent | – |
| Residence | | | | | | | |
| Urban | 9,789 (68.3) | 4,537 (31.7) | 14,326 | Referent | – | Referent | – |
| Rural | 3,057 (61.7) | 1,896 (38.3) | 4,953 | 1.34 (1.25–1.43) | <0.01 | 1.32 (1.22–1.43) | <0.001 |
| Treatment history | | | | | | | |
| New case | 10,967 (64.2) | 6,118 (35.8) | 17,085 | Referent | – | Referent | – |
| Retreated case | 1,879 (85.6) | 315 (14.4) | 2,194 | 0.30 (0.27–0.34) | <0.01 | 0.24 (0.20–0.27) | <0.001 |
| Diabetes | | | | | | | |
| No | 12,502 (66.3) | 6,352 (33.7) | 18,854 | Referent | – | Referent | – |
| Yes | 344 (80.9) | 81 (19.1) | 425 | 0.46 (0.36–0.59) | <0.01 | 0.54 (0.41–0.70) | <0.001 |
| Culture determination | | | | | | | |
| Negative | 6,256 (54.8) | 5,152 (45.2) | 11,408 | Referent | – | Referent | – |
| Positive | 6,080 (88.9) | 758 (11.1) | 6,838 | 0.15 (0.14–0.17) | <0.01 | 0.16 (0.15–0.18) | <0.001 |
| Smear determination | | | | | | | |
| Negative | 8,343 (60.0) | 5,570 (40.0) | 13,913 | Referent | – | Referent | – |
| Positive | 4,000 (95.8) | 174 (4.2) | 4,174 | 0.07 (0.06–0.08) | <0.01 | – | – |
| DST | | | | | | | |
| MDR | 684 (89.2) | 83 (10.8) | 767 | 1.25 (0.97–1.61) | 0.084 | – | – |
| XDR | 322 (89.2) | 39 (10.8) | 361 | 1.25 (0.88–1.77) | 0.216 | – | – |
| Other | 3,716 (91.1) | 361 (8.9) | 4,077 | Referent | – | – | – |

*DST, drug susceptibility testing; MDR, multidrug-resistant; OR, odds ratio; TB, tuberculosis; XDR, extensively drug-resistant.

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Demographic and Risk Factor Characteristics of Extrapulmonary TB Cases

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Table 2. Distribution of extrapulmonary tuberculosis by demographic and clinical characteristics, China, 2008–2017

| Characteristics | Skeletal, % | Pleural, % | Meningeal, % | Disseminated, % | Lymphatic, % | Genitourinary, % | Others, % |
|--------------------------|--------------|--------------|--------------|-----------------|--------------|------------------|------------|
| Sex | | | | | | | |
| M | 1,446 (38.7) | 1,178 (31.5) | 263 (7.0) | 219 (5.9) | 101 (2.7) | 10 (0.3) | 519 (13.9) |
| F | 1,197 (44.4) | 495 (18.4) | 177 (6.6) | 208 (7.7) | 232 (8.6) | 34 (1.3) | 354 (13.1) |
| Age groups, y | | | | | | | |
| <25 | 520 (33.3) | 470 (30.1) | 128 (8.2) | 154 (9.9) | 84 (5.4) | 6 (0.4) | 201 (12.9) |
| 25–44 | 736 (35.0) | 561 (26.7) | 170 (8.1) | 139 (6.6) | 162 (7.7) | 17 (0.8) | 317 (15.1) |
| 45–64 | 914 (51.3) | 362 (20.3) | 102 (5.7) | 72 (4.0) | 62 (3.5) | 18 (1.0) | 252 (14.1) |
| ≥65 | 473 (48.0) | 280 (28.4) | 40 (4.1) | 62 (6.3) | 25 (2.5) | 3 (0.3) | 103 (10.4) |
| Residence | | | | | | | |
| Rural | 941 (49.6) | 385 (20.3) | 128 (6.8) | 130 (6.9) | 47 (2.5) | 13 (0.7) | 252 (13.3) |
| Urban | 1,702 (37.5) | 1,288 (28.4) | 312 (6.9) | 297 (6.5) | 286 (6.3) | 31 (0.7) | 621 (13.7) |
| Treatment history | | | | | | | |
| New case | 2,585 (42.2) | 1,631 (26.7) | 417 (6.8) | 406 (6.6) | 304 (5.0) | 42 (0.7) | 733 (12.0) |
| Retreated case | | | | | | | |

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About the Author

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References

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