

## Online Supplement

### Symptom Burden and Medication Use Among Patients with Nontuberculous Mycobacterial Lung Disease

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Table S1. Responses to the “Burden of NTM Survey”: self-reported symptoms experienced during the past two weeks by age and gender groups. Mean ( $\mu$ ) number of self-reported symptoms is shown by age and gender group

| <i>Symptoms during the past 2 weeks</i>                       | <b>Age group</b>                           |       |  |      | <b>Gender group</b>                          |      |  |      |
|---|--|-------|--|------|--|------|--|------|
|   | <b>&lt;50</b><br>(13, 4.9%,<br>$\mu=8.3$ ) |       | <b><math>\geq 50</math></b><br>(250, 95.1%,<br>$\mu=6.5$ ) |      | <b>Female</b><br>(244, 93.1%,<br>$\mu=6.5$ ) |      | <b>Male</b><br>(18, 6.9%,<br>$\mu=7.6$ ) |      |
|   | <i>n</i>                                   | %     | <i>n</i>   | %    | <i>n</i>                                     | %    | <i>n</i>                                 | %    |
| Cough   | 9  | 90.0  | 193  | 80.8 | 190  | 81.2 | 10                                       | 76.9 |
| Cough up blood, phlegm, mucous                                | 8  | 80.0  | 141  | 58.8 | 134  | 57.3 | 13                                       | 92.9 |
| Shortness of breath, wheezing or other breathing difficulties | 6  | 60.0  | 165  | 69.3 | 158  | 68.1 | 11                                       | 78.6 |
| Fatigue or lack of energy                                     | 10   | 100.0 | 190  | 80.2 | 186  | 80.5 | 13                                       | 92.9 |
| Loss of appetite  | 2  | 20.0  | 83   | 35.3 | 80   | 34.9 | 4  | 28.6 |
| Sleep problems  | 8  | 80.0  | 142  | 60.7 | 143  | 62.5 | 6  | 46.2 |
| Feelings of sadness or depression related to the illness      | 7  | 70.0  | 128  | 54.5 | 125  | 54.8 | 9  | 64.3 |
| Difficulty in walking 500 meters without stopping             | 5  | 50.0  | 94   | 40.0 | 90   | 39.1 | 9  | 69.2 |
| Difficulty in interacting with others                         | 6  | 60.0  | 90   | 38.6 | 85   | 37.4 | 10                                       | 71.4 |
| Difficulty with sensitivity to cold or heat                   | 8  | 80.0  | 147  | 63.9 | 144  | 64.3 | 9  | 64.3 |
| Difficulty with fever, chills, or night sweats?               | 6  | 60.0  | 86   | 36.8 | 86   | 37.9 | 4  | 28.6 |
| Experiencing pain in body                                     | 8  | 80.0  | 112  | 48.5 | 111  | 48.9 | 9  | 75.0 |

Notes: Response options included check all that apply; percentages do not add up to 100%. Numbers shown are frequency (*n*) and column percent (%) of those who responded. Missing values were excluded from the denominator.

Table S2. Responses to the “Burden of NTM Survey”: self-reported symptoms experienced during the past two weeks by region of residence in the U.S.. Mean ( $\mu$ ) number of self-reported symptoms is shown by region of residence

| <b>Symptoms during the past 2 weeks</b>                       | <b>US Region</b>   |      |  |      |   |      |   |      |
|---|--|------|--|------|---|------|---|------|
|   | <b>Northeast<br/>(52, 22.1%,<br/><math>\mu=5.5</math>)</b> |      | <b>Midwest<br/>(27, 11.5%,<br/><math>\mu=7.1</math>)</b> |      | <b>South<br/>(102, 43.4%,<br/><math>\mu=6.8</math>)</b> |      | <b>West<br/>(54, 23.0%,<br/><math>\mu=6.5</math>)</b> |      |
|   | <i>n</i>   | %    | <i>n</i>   | %    | <i>n</i>  | %    | <i>n</i>  | %    |
| Cough   | 39   | 79.6 | 19   | 70.4 | 80  | 82.5 | 43  | 82.7 |
| Cough up blood, phlegm, mucous                                | 28   | 56.0 | 17   | 63.0 | 60  | 61.9 | 29  | 55.8 |
| Shortness of breath, wheezing or other breathing difficulties | 27   | 54.0 | 21   | 77.8 | 69  | 71.9 | 35  | 67.3 |
| Fatigue or lack of energy                                     | 38   | 76.0 | 22   | 81.5 | 78  | 81.3 | 42  | 82.4 |
| Loss of appetite  | 12   | 25.0 | 12   | 44.4 | 37  | 39.0 | 14  | 27.5 |
| Sleep problems  | 25   | 53.2 | 16   | 59.3 | 64  | 67.4 | 30  | 58.8 |
| Feelings of sadness or depression related to the illness      | 25   | 53.2 | 19   | 70.4 | 49  | 52.1 | 26  | 50.0 |
| Difficulty in walking 500 meters without stopping             | 13   | 27.7 | 16   | 59.3 | 41  | 42.7 | 18  | 34.6 |
| Difficulty in interacting with others                         | 15   | 31.9 | 14   | 51.9 | 40  | 42.1 | 16  | 31.4 |
| Difficulty with sensitivity to cold or heat                   | 27   | 58.7 | 17   | 63.0 | 61  | 65.6 | 35  | 67.3 |
| Difficulty with fever, chills, or night sweats?               | 11   | 23.9 | 11   | 42.3 | 35  | 36.8 | 23  | 44.2 |
| Experiencing pain in body                                     | 18   | 39.1 | 11   | 42.3 | 50  | 53.2 | 27  | 51.9 |

Notes: The subsample of 235 patients residing in the U.S.. Response options included check all that apply; percentages do not add up to 100%. Numbers shown are frequency (*n*) and column percent (%) of those who responded. Missing values were excluded from the denominator.

Figure 1. A dot plot of the mean number of self-reported symptoms with standard deviation by age group

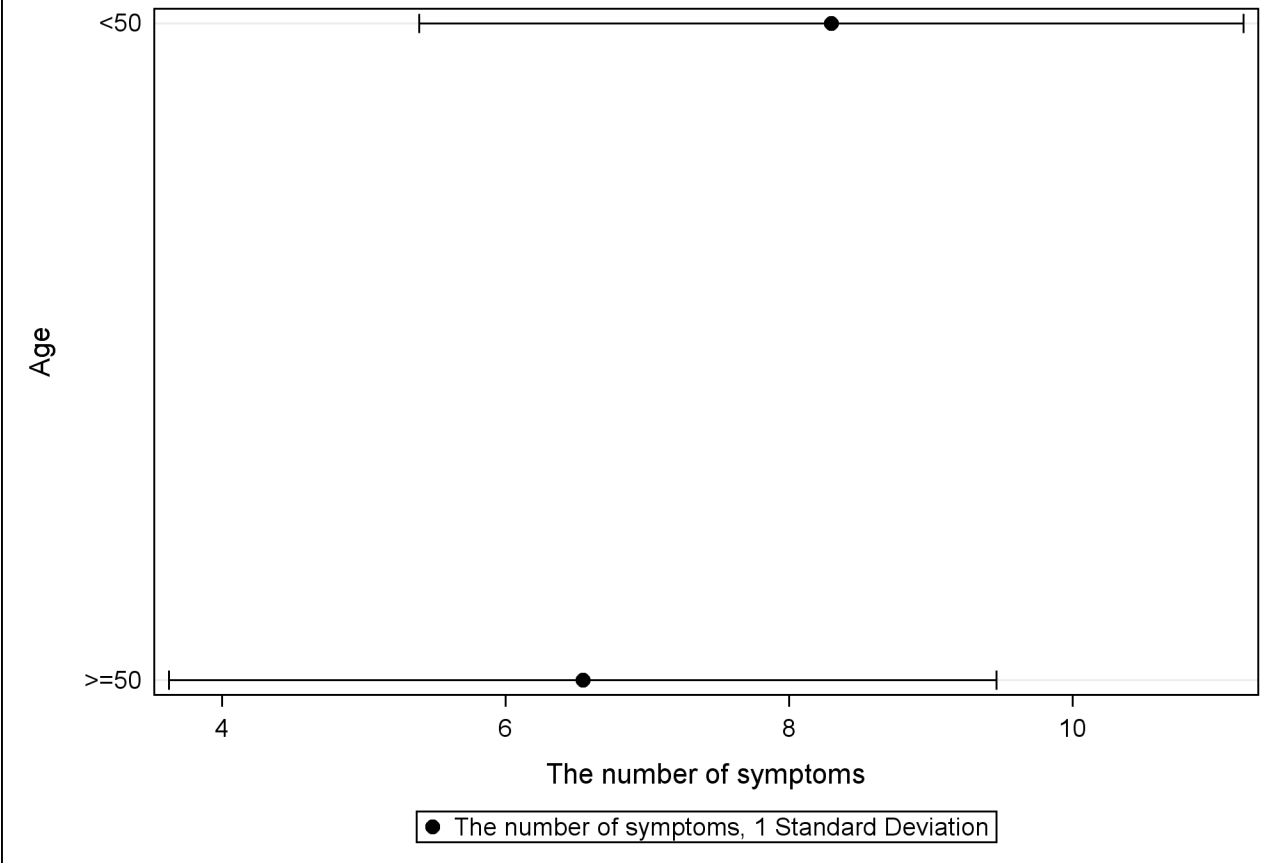


Figure 2. A dot plot of the mean number of self-reported symptoms with standard deviation by gender

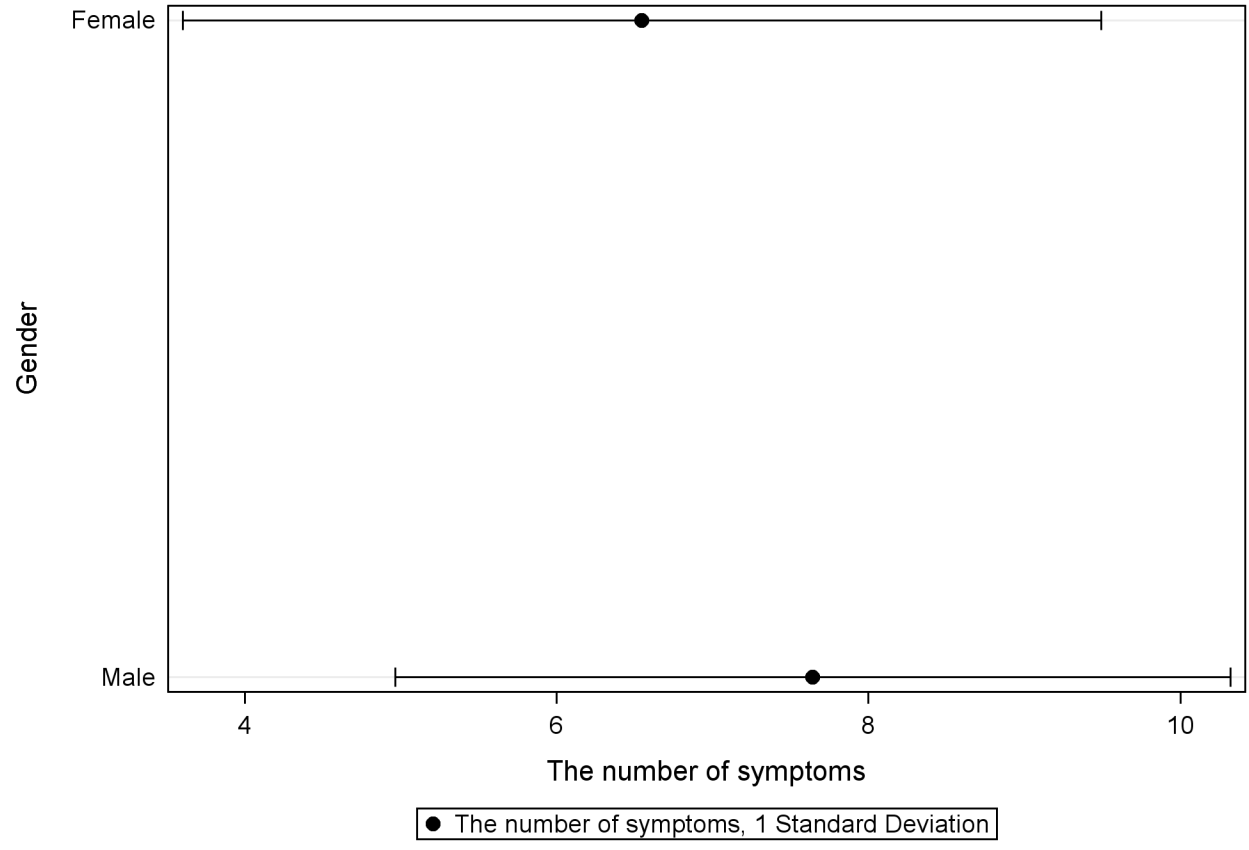


Figure 3. A dot plot of the mean number of self-reported symptoms with standard deviation by U.S. region

