

**Table II.** Persons who had a measurement of serum antibodies against *Borrelia burgdorferi sensu lato* in Iceland from 2011 to 2015. Patient demographics, symptoms and epidemiological information. Broken down by results of antibody testing and confirmed cases of Lyme disease. Number and percentage, n (%). Age is given as mean age and standard deviation.

|                 | Adults      |                |             |             | Children  |                |            |           |
|-----------------|-------------|----------------|-------------|-------------|-----------|----------------|------------|-----------|
|                 | Serology    |                |             | Lyme dis.   | Serology  |                |            | Lyme dis. |
|                 | Positive    | Indeterminable | Negative    |             | Positive  | Indeterminable | Negative   |           |
| N               | 25          | 78             | 340         | 18          | 4         | 15             | 39         | 4         |
| Men             | 8 (32)      | 32 (41)        | 132 (38.8)  | 7 (38.9)    | 1 (25)    | 7 (46.7)       | 16 (41)    | 0 (0)     |
| Women           | 17 (68)     | 46 (59)        | 208 (61.2)  | 11 (61.1)   | 3 (75)    | 8 (53.3)       | 23 (59)    | 4 (100)   |
| Age             | 47.2 (14.6) | 40.7 (13.7)    | 45.7 (16.6) | 47.3 (13.7) | 9.8 (4.6) | 9.6 (5.3)      | 10,4 (4.5) | 8 (4.1)   |
| <b>Symptoms</b> |             |                |             |             |           |                |            |           |
| General         | 5 (20)      | 21 (26.9)      | 51 (15)     | 2 (11.1)    | 1 (25)    | 1 (6,7)        | 16 (41)    | 0 (0)     |
| Skin            | 12 (48)     | 26 (33.3)      | 49 (14.4)   | 18 (100)    | 2 (50)    | 3 (20)         | 3 (7.7)    | 3 (75)    |
| EM              | 7 (28)      | 7 (9)          | 8 (2.4)     | 18 (100)    | 2 (50)    | 2 (13.3)       | 1 (2.6)    | 3 (75)    |
| CNS             | 7 (28)      | 34 (43.6)      | 111 (32.7)  | 1 (5.6)     | 1 (25)    | 0 (0)          | 5 (12.8)   | 1 (25)    |
| MSS             | 4 (16)      | 9 (11.5)       | 31 (9.1)    | 0 (0)       | 0 (0)     | 2 (13.3)       | 8 (20.5)   | 0 (0)     |
| Heart           | 0 (0)       | 4 (5.1)        | 4 (1.2)     | 0 (0)       | 0 (0)     | 1 (6.7)        | 1 (2.6)    | 0 (0)     |
| Other           | 3 (12)      | 2 (2.6)        | 19 (5.6)    | 0 (0)       | 0 (0)     | 3 (20)         | 3 (7.7)    | 0 (0)     |
| No info         | 1 (4)       | 6 (7.7)        | 118 (34.7)  | 0 (0)       | 0 (0)     | 5 (33.3)       | 14 (35.9)  | 0 (0)     |
| Travel          | 17 (68)     | 36 (46.2)      | 44 (12.9)   | 18 (100)    | 4 (100)   | 8 (53.3)       | 14 (35.9)  | 4 (100)   |
| No travel       | 1 (4)       | 6 (7.7)        | 7 (2.1)     | 0 (0)       | 0 (0)     | 0 (0)          | 1 (2.6)    | 0 (0)     |
| No info         | 7 (28)      | 36 (46.2)      | 289 (85)    | 0 (0)       | 0 (0)     | 7 (46.7)       | 24 (61.5)  | 0 (0)     |
| Tick bite       | 3 (12)      | 7 (9)          | 11 (3.2)    | 3 (16.7)    | 1 (25)    | 5 (33.3)       | 6 (15.4)   | 2 (50)    |
| No tick bite    | 17 (68)     | 47 (60.2)      | 56 (16.5)   | 16 (83.3)   | 3 (75)    | 5 (33.3)       | 6 (15.4)   | 2 (50)    |
| No info         | 5 (20)      | 24 (30.8)      | 273 (80.3)  | 0 (0)       | 0 (0)     | 5 (33.3)       | 27 (69.2)  | 0 (0)     |
| Antibiotics     | 21 (84)     | 29 (37.2)      | 42 (12.3)   | 18(100)     | 2 (50)    | 4 (26.7)       | 4 (10.3)   | 4 (100)   |
| No antibiotics  | 4 (16)      | 43 (55.1)      | 194 (57.1)  | 0 (0)       | 1 (25)    | 8 (53.3)       | 26 (66.7)  | 0 (0)     |
| No info         | 0 (0)       | 6 (7.7)        | 104 (30.6)  | 0 (0)       | 1 (25)    | 3 (20)         | 9 (23.1)   | 0 (0)     |

Abbreviations: EM - erythema migrans, CNS - central nervous system, MSS - musculoskeletal system.