**Supplementary Table 1. Patients presented with myalgia**

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| --- | --- | --- | --- | --- |
| **No** | **Patient numbers (% in total participants)** | **Total participants** | **Age:**  **mean [SD] or median [IQR]** | **Published journal (reference)** |
| 1 | 164 (14.9%) | 1099 | 47 [35-58] | N Engl J Med (70) |
| 2 | 2 (11.8%) | 17 | 75 [48-89] | J Med Virol (56) |
| 3 | 18 (44%) | 41 | 49 [41-58] | Lancet (71) |
| 4 | 3 (60%) | 5 | 53.6 [41-65] | Chin Med J (72) |
| 5 | 1 (5.9%) | 17 | 40 [9.6] | Clin Infect Dis (73) |
| 6 | 4 (33.3%) | 12 | 62.5 [10-72] | Sci China Life Sci (74) |
| 7 | 6 (11.5%) | 52 | 59.7 [13.3] | Lancet (75) |
| 8 | 44 (32.1%) | 137 | 55 [20-83] | Chin Med J (76) |
| 9 | 11 (11%) | 99 | 55.5 [21-88] | Lancet (55) |
| 10 | 48 (34.8%) | 138 | 56 [42-68] | JAMA (48) |
| 11 | 98 (21.7%) | 452 | 58 [47-67] | Clin Infect Dis (49) |
| 12 | 32 (52%) | 62 | 41 [32-52] | BMJ (77) |
| 13 | 60 (22%) | 274 | 62 [44-70] | BMJ (50) |
| 14 | 3 (23.1%) | 13 | 34 [34-48] | JAMA (78) |
| 15 | 21 (30%) | 69 | 42 [35-62] | Clin Infect Dis (51) |
| 16 | 23 (10.7%) | 214 | 52.7 [15.5] | JAMA Neurology (2) |
| 17 | 10 (13.51%) | 74 | 46.1 [14.2] | Gut (79) |
| 18 | 61 (10.57%) | 577 | 45.1 [14.45] | Gut (79) |
| 19 | 3 (14%) | 21 | 51 [29-77] | Radiology (80) |
| 20 | 16 (31%) | 51 | 49 [16] | Radiology (81) |
| 21 | 19 (4.6%) | 416 | 64 [21-95] | JAMA Cardiology (82) |
| 22 | 1 (12.5%) | 8 | 2m to 15y | World J Pediatr (83) |
| 23 | 4 (16.7%) | 24 | 42 [21-62] | Epidemiol Health (84) |
| 24 | 54 (26.6%) | 203 | 54 [20-91] | J Gerontol (85) |
| 25 | 54 (12.6%) | 438 | 53 [40-64] | Am J Resp Crit Care (86) |
| 26 | 1 (10%) | 10 | No data | Travel Med Infect (87) |
| 27 | 4 (3.2%) | 125 | 38.8 [13.8] | Int J Infect Dis (88) |
| 28 | 18 (22.5%) | 80 | 46.1 [15.4] | Clin Infect Dis (89) |
| 29 | 22 (64.7%) | 34 | 56.2 [17.1] | Travel Med Infect (90) |
| 30 | 21 (30%) | 69 | 42 [35-62] | Clin Infect Dis (91) |
| 31 | 19 (23.75%) | 80 | 39 [32-48.5] | J Hosp Infect (92) |
| 32 | 14 (16.5%) | 85 | 65.8 [14.2] | Am J Resp Crit Care (93) |
| 33 | 35 (34.3%) | 102 | 54 [37-67] | Clin Infect Dis (94) |
| 34 | 170 (16.8%) | 1012 | 50 [39-58] | Clin Microbiol Infect (95) |
| 35 | 30 (27.5%) | 109 | 69 [62-74] | Chin Med J (96) |
| 36 | 27 (23.3%) | 116 | 40 [33-57] | Chin Med J (96) |
| 37 | 18 (11.2%) | 161 | 45 [33.5-57] | Eur Rev Med Pharmaco (97) |
| 38 | 11 (16%) | 68 | 42.4 | Influenza Other Resp (98) |
| 39 | 44 (32.5%) | 135 | 47 [36-55] | J Med Virol (99) |
| 40 | 5 (5.49%) | 91 | 50 [36.5-57] | QJM (100) |
| 41 | 32 (3.5%) | 922 | No data | Curr Trop Med Rep (17) |
| 42 | 5 (3.36%) | 149 | 45.1 [13.35] | J Infect (101) |
| 43 | 29 (15%) | 191 | 56 [46-67] | Lancet (102) |

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| --- | --- | --- | --- | --- |
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**Supplementary Table 2. Patients presented with headache (ordered by cases recruitment date)**

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| --- | --- | --- | --- | --- |
| **Noa** | **Patient numbers (% in total participants)** | **Total participants** | **Age:**  **mean [SD] or median [IQR]** | **Published journal (reference)** |
| 1 | 150 (3.6%) | 1099 | 47 [35-58] | N Engl J Med (70) |
| 2 | 1 (5.9%) | 17 | 75 [48-89] | J Med Virol (56) |
| 3 | 3 (8%) | 38 | 49 [41-58] | Lancet (71) |
| 4 | 1 (20%) | 5 | 53.6 [41-65] | Chin Med J (Engl) (72) |
| 5 | 5 (6%) | 81 | 49.5 [11] | Lancet (53) |
| 6 | 2 (11.8%) | 17 | 40 [9.6] | Clin Infect Dis (73) |
| 7 | 0 (0%) | 12 | 62.5 [10-72] | Sci China Life Sci (74) |
| 8 | 3 (6%) | 52 | 59.7 [13.3] | Lancet (75) |
| 9 | 2 (40%) | 5 | 50.2 [9.8] | J Med Virol (103) |
| 10 | 13 (9.5%) | 137 | 55 [20-83] | Chin Med J (Engl) (76) |
| 11 | 8 (8%) | 99 | 55.5 [21-88] | Lancet (55) |
| 12 | 9 (6.5%) | 138 | 56 [42-68] | JAMA (48) |
| 13 | 52 (11.4%) | 452 | 58 [47-67] | Clin Infect Dis (49) |
| 14 | 21 (34%) | 62 | 41 [32-52] | BMJ (77) |
| 15 | 31 (11%) | 274 | 62 [44-70] | BMJ (50) |
| 16 | 3 (23.1%) | 13 | 34 [34-48] | JAMA (78) |
| 17 | 10 (14%) | 69 | 42 [35-62] | Clin Infect Dis (51) |
| 18 | 28 (13.1%) | 214 | 52.7 [15.5] | JAMA Neurol (2) |
| 19 | 16 (21.62%) | 74 b | 46.14 [14.19] | Gut (79) a |
|  | 51 (8.84%) | 577 c | 45.09 [14.45] | Gut (79) b |
| 20 | 3 (8.3%) | 36 | 8.3 [3.5] | Lancet Infect Dis (104) |
| 21 | 3 (14%) | 21 | 51 [29-77] | Radiology (80) |
| 22 | 8 (16%) | 51 | 49 [16] | Radiology (81) |
| 23 | 9 (2.2%) | 416 | 64 [21-95] | JAMA Cardiol (82) |
| 24 | 1 (12.5%) | 8 | 2m to 15y c | World J Pediatr (83) |
| 25 | 2 (8.3%) | 24 | 42 [21-62] | Epidemiol Health (84) |
| 26 | 2 (3.4%) | 59 | 60 [50-74] | Clin Infect Dis (13) |
| 27 | 10 (4.9%) | 203 | 54 [20-91] | J Gerontol (85) |
| 28 | 17 (6.5%) | 262 | 47.5 [1-94] | J Infect (105) |
| 29 | 3 (13.6%) | 21 | 40.3 [16-73] | Travel Med Infect (106) |
| 30 | 11 (8.8%) | 125 | 38.8 [13.8] | Int J Infect Dis (88) |
| 31 | 13 (16.25%) | 80 | 46.1 [15.4] | Clin Infect Dis (89) |
| 32 | 2 (5.9%) | 34 | 56.2 [17.1] | Travel Med Infect (90) |
| 33 | 10 (14%) | 69 | 42 [35-62] | Clin Infect Dis (91) |
| 34 | 8 (10%) | 80 | 39 [32-48.5] | J Hosp Infect (92) |
| 35 | 4 (4.7%) | 85 | 65.8 [14.2] | Am J Resp Crit Care (93) |
| 36 | 17 (7.7%) | 221 | 55 [39-66.5] | J Clin Virol (107) |
| 39 | 152 (15%) | 1012 | 50 [39-58] | Clin Microbiol Infect (95) |
| 40 | 6 (5.5%) | 109 | 69 [62-74] | Chin Med J (96) |
| 41 | 7 (6%) | 116 | 40 [33-57] | Chin Med J (96) |
| 42 | 12 (7.5%) | 161 | 45 [33.5-57] | Eur Rev Med Pharmaco (97) |
| 43 | 34 (25.2%) | 135 | 47 [36-55] | J Med Virol (99) |
| 44 | 7 (7.69%) | 91 | 50 [36.5-57] | QJM (100) |
| 45 | 597 (64.8%) | 922 | no data | Curr Trop Med Rep (17) |
| 46 | 13 (8.72%) | 149 | 45.1 [13.35] | J Infect (101) |
| 47 | 1 | Case report | 74 | Cureus (22) |
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1. Patients with gastro-intestinal symptoms
2. Patients without gastro-intestinal symptoms
3. 2m= 2 months old; 15y= 15 years old

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