**SUPPLEMENTARY MATERIAL**

**Table 1. Demographic data, total IgE, eosinophilia and clinical symptoms.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Patient** | **Country of Origin** | **Age** | **Sex** | **IgE total****(kU/L)** | **Onset Date eosinophilia** | **Maximal/Peak eosinophilia** | **Skin symptoms** | **Digestion symptoms** | **Respiratory symptoms** |
| 1 | Bolivia | 27 | Man | 5000 | 2008 | 1000 | No | No | Yes |
| 2 | Bolivia | 38 | Man | 2488 | 2009 | 2800 | No | No | Yes, allergic |
| 3 | Bolivia | 46 | Woman | 613 | 2009 | 2300 | Yes | No | No |
| 4 | Bolivia | 20 | Man | 1257 | 2011 | 1100 | No | No | Yes |
| 5 | Bolivia | 43 | Woman | 350 | 2012 | 600 | No | No | Yes |
| 6 | Peru | 81 | Woman | 1553 | 2013 | 2300 | Yes | No | No |
| 7 | Bolivia | 39 | Woman | 334 | 2004 | 2000 | Yes | No | No |
| 8 | Bolivia | 43 | Woman | 982 | 2008 | 1800 | Yes | No | Yes, allergic |
| 9 | Colombia | 48 | Woman | 669 | 2010 | 1000 | No | No | Yes, allergic |
| 10 | Nigeria | 36 | Woman | <2 | 2007 | 800 | Yes | No | No |
| 11 | Paraguay | 37 | Woman | 216 | 2010 | 300 | Yes | No | Yes, allergic |
| 12 | Bolivia | 41 | Woman | 536 | 2015 | 1200 | Yes | No | No |
| 13 | Bolivia | 33 | Woman | 1793 | 2015 | 2100 | Yes | No | Yes |
| 14 | Ecuador | 36 | Man | 2187 | 2016 | 1300 | Yes | Yes | No |
| 15 | Bolivia | 39 | Woman | 658 | 2007 | 3200 | No | No | Yes, allergic |
| 16 | Bolivia | 27 | Man | 2153 | 2009 | 1000 | No | No | Yes, allergic |
| 17 | Bolivia | 41 | Woman | 340 | 2012 | 1100 | No | No | Yes, allergic |
| 18 | Ecuador | 42 | Man | 1069 | 2010 | 700 | Yes | No | Yes |
| 19 | Bolivia | 49 | Man | 2818 | 2009 | 1300 | No | No | Yes, allergic |
| 20 | Ecuador | 66 | Man | 4064 | 2009 | 1700 | Yes | No | Yes |
| 21 | Venezuela | 37 | Man | 3535 | 2013 | 1600 | Yes | No | Yes, allergic |
| 22 | Ecuador | 25 | Man | 511 | 2013 | 1300 | Yes | No | Yes |
| 23 | Colombia | 46 | Woman | 123 | 2015 | 700 | Yes | No | Yes, allergic |
| 24 | Pakistan | 39 | Woman | 965 | 2017 | 900 | No | No | Yes |
| 25 | Pakistan | 51 | Woman | 309 | 2016 | 300 | Yes | Yes | No |
| 26 | Bolivia | 38 | Woman | 376 | 2014 | 1600 | Yes | No | Yes |
| 27 | Ecuador | 44 | Man | 238 | 2008 | 1400 | No | No | Yes, allergic |
| 28 | Bolivia | 33 | Woman | 510 | 2010 | 1400 | Yes | No | No |
| 29 | Honduras | 33 | Woman | 834 | 2019 | 1200 | No | Yes | Yes |
| 30 | Paraguay | 35 | Woman | 706 | 2014 | 1800 | Yes | No | Yes |
| 31 | Ecuador | 43 | Woman | 720 | 2022 | 1200 | Yes | No | Yes |
| 32 | Colombia | 60 | Man | >5000 | 2016 | 900 | Yes | Yes | Yes, allergic |
| 33 | Bolivia | 43 | Woman | 340 | 2012 | 1100 | Yes | No | Yes, allergic |

**Table 2. Allergy study, treatment and evolution.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Patient** | **IgG Strongyloides stercoralis** | **Culture/migration** | **PC/IgE Aeroallergens**  | **PC/IgE Anisakis (kU/L)** | **Ivermectin treatment** | **IgG Strongyloides post-treatment** | **IgE total****Post (kU/L)** | **Eosinophilia post-treatment** | **Symptoms post-treatment** |
| 1 | Not done | Positive | Negative | Negative/no | Yes | Not done | 1512 | 200 | Asymptomatic |
| 2 | Positive | Negative | Dust mites, pollen | 3.5 | Yes | Not done | 939 | 300 | Better |
| 3 | Positive | Positive | Negative | 3+/3.55 | Yes | Negative | 72 | 500 | Asymptomatic |
| 4 | Positive | Positive | Negative | Neg/2.49 | Yes | Negative | 513 | 200 | Asymptomatic |
| 5 | Positive | Positive | Negative | Not done | Yes | Negative | 175 | 200 | Asymptomatic |
| 6 | Positive | Positive | Negative | Negative/no | Yes | Negative | 632 | 100 | Asymptomatic |
| 7 | Positive | Negative | Negative | 2+/0.35 | Yes | Negative | 67 | 200 | Asymptomatic |
| 8 | Positive | Positive | Dust mite | Not done | Yes | Negative | 191 | 400 | Better |
| 9 | Positive | Negative | Dust mite | Not done | Yes | Negative | 576 | 200 | Better |
| 10 | Positive | Positive | Not Done | Not done | Yes | Descending positive | 2 | 300 | Asymptomatic |
| 11 | Positive | Negative | Dust mites, pollen | Not done | Yes | Negative | 99 | 200 | Asymptomatic |
| 12 | Positive | Negative | Negative | No done | Yes | Negative | 310 | 300 | Better |
| 13 | Positive | Not done | Negative | Not done | Yes | Negative | 331 | 300 | Asymptomatic |
| 14 | Positive | Negative | Negative | 5.16 | Yes | Negative | 427 |  300 | Asymptomatic |
| 15 | Positive | Negative | Pollens | Not done | Yes | Negative | 217 | 300 | Better |
| 16 | Positive | Not done | Pollen | Not done | Yes | Descending positive | 1352 | 300 | Better |
| 17 | Positive | Not done | Dust mite | Not done | Yes | Descending positive | 284 | 300 | Better |
| 18 | Positive | Not done | Negative | Not done | Yes | Negative | 405 | 200 | Asymptomatic |
| 19 | Positive | Not done | Pollen | Not done | Yes | Descending positive | 2543 | 300 | Better |
| 20 | Positive | Negative | Negative | Not done | Yes (twice) | Descending positive | 4064 | 400 | Asymptomatic |
| 21 | Positive | Negative | Pollens | Not done | Yes | Negative | 3535 | 300 | Better |
| 22 | Positive | Not done | Negative | Negative | Yes (twice) | Descending positive | 511 | 500 | Asymptomatic |
| 23 | Positive | Negative | Pollens | Not done | Yes | Negative | 123 | 200 | Better |
| 24 | Positive | Negative | Negative | Not done | Yes | Negative | 965 | 400 | Asymptomatic |
| 25 | Positive | Negative | Negative | <0.35 | No | Not done | 309 | Not done | Not seen |
| 26 | Positive | Negative | Dust mites, pollen | Not done | Yes | Negative | 376 | 400 | Better |
| 27 | Positive | Positive | Pollens | Neg/< 0.35 | Yes | Negative | 269 | 100 | Better |
| 28 | Positive | Negative | Negative | 1+/1.24 | Yes | Descending positive | 510 | 100 | Asymptomatic |
| 29 | Positive | Not done | Negative | Negative | Yes | Negative | 834 | 200 | Better |
| 30 | Positive | Positive | Negative | 4.45 | Yes | Negative | 706 | 100 | Better |
| 31 | Positive | Negative | Negative | 1+/0.27 | Yes | Descending positive | 366 | 300 | Better |
| 32 | Positive | Negative | Dust mite | Neg/2.38 | Yes | Negative | 4001 | 200 | Persists  |
| 33 | Positive | Negative | Dust mite | Not done | Yes | Descending positive | 340 | 300 | Better |