

## SUPPLEMENTARY MATERIAL

Table 1. Comparison of Clinical Characteristics of patient with or without bronchiectasis and normal or abnormal CHRCT.

|   | TOTAL<br>(without ABPA)                | BE<br>(without ABPA)           | NO BE                             | P value            | Normal<br>CHRCT | Pathological<br>CHRCT | P value |
|---|--|--------------------------------|-----------------------------------|--------------------|-----------------|-----------------------|---------|
| Patients No. (%)<br><b>(116)</b>              | 121<br><b>(18)</b>                     | 23 (19)                        | 98 (81)                           |                    | 58 (47.9)       | 63 (52.1)             |         |
| Age. y<br><b>(49.5 ± 1.2)</b>                 | 50 ± 1.1<br><b>(58.6 ± 1.8)</b>        | 58.8 ± 1.7                     | 47.9 ± 1.2<br><b>(&lt; 0.001)</b> | <b>&lt;0.001</b>   | 48.9 ± 1.5      | 51 ± 1.6              | 0.31    |
| Asthma duration. y<br><b>(18.5 ± 1.2)</b>     | 18.7 ± 1.2<br><b>(17.2 ± 2.1)</b>      | 18.5 ± 1.8<br><b>(0.85)</b>    | 18.7 ± 1.3<br><b>0.37 (0.54)</b>  | 0.48               | 17.5 ± 1.5      | 19.7 ± 1.5            | 0.23    |
| Sex. No. (%)                                  |  |                                |                                   |                    |                 |                       | 0.81    |
| Male<br><b>40 (34.5)</b>                      | 43 (35.5)<br><b>7 (38.9)</b>           | 10 (43.5)                      | 33 (33.7)                         |                    | 20 (34.5)       | 23 (33.7)             |         |
| Female<br><b>76 (65.5)</b>                    | 78 (64.5)<br><b>11 (61.1)</b>          | 13 (56.5)                      | 65 (66.3)                         |                    | 38 (65.5)       | 40 (63.5)             |         |
| BMI. kg/m <sup>2</sup><br><b>(28.4 ± 0.6)</b> | 28.3 ± 0.5<br><b>(27.2 ± 1)</b>        | 27 ± 0.9                       | 28.6 ± 0.5<br><b>(0.41)</b>       | 0.29               | 29 ± 0.7        | 27.6 ± 0.6            | 0.15    |
| Smoking. No.(%)                               |  |                                |                                   | <b>0.59 (0.79)</b> |                 |                       | 0.50    |
| Current smoker<br><b>12 (10.4)</b>            | 12 (9.9)<br><b>1 (5.5)</b>             | 1 (4.3)                        | 11 (11.2)                         |                    | 4 (6.9)         | 8 (12.7)              |         |
| Never smoker<br><b>64 (55,1)</b>              | 67 (55.4)<br><b>11 (61.1)</b>          | 14 (60.9)                      | 53 (54.1)                         |                    | 32 (55,2)       | 35 (55,6)             |         |
| Ex-smoker<br><b>40 (34.8)</b>                 | 42 (34.7)<br><b>6 (33.3)</b>           | 8 (34.8)                       | 34 (34.7)                         |                    | 22 (37,9)       | 20 (31.7)             |         |
| Atopy. No. (%)<br><b>90 (77.5)</b>            | 95 (78.5)<br><b>12 (66.7)</b>          | 17 (73.9)                      | 78 (79.6)<br><b>(0.52)</b>        | 0.55               | 47 (81.3)       | 48 (76.2)             | 0.51    |
| GR. No (%)<br><b>46 (39.6)</b>                | 47 (38.8)<br><b>8 (44.4)</b>           | 9 (39.1)<br><b>(0.52)</b>      | 38 (38.8)                         | 0.97               | 21 (36.2)       | 26 (41.3)             | 0.56    |
| ACT. score<br><b>(14.5 ± 0.5)</b>             | 14.5 ± 0.5<br><b>(16.1 ± 1.3)</b>      | 15.9 ± 1.2                     | 14.3 ± 0.5<br><b>(0.17)</b>       | 0.16               | 14.2 ± 0.7      | 14.9 ± 0.7            | 0.41    |
| FENO. ppb<br><b>(37.2 ± 3.9)</b>              | 37.9 ± 3.9<br><b>(59.6 ± 13.2)</b>     | 57.4 ± 10.6                    | 33.9 ± 1.4<br><b>(0.013)</b>      | <b>0.01</b>        | 39.8 ± 6.1      | 36.1 ± 5.1            | 0.67    |
| FEV1. % pred<br><b>(79.2 ± 2.1)</b>           | 78.8 ± 1.5<br><b>(72.5 ± 3.5)</b>      | 72.3 ± 3.3                     | 80.4 ± 1.7<br><b>(0.03)</b>       | <b>0.03</b>        | 81.6 ± 2.2      | 76.3 ± 2.1            | 0.06    |
| FEV1/FVC. %<br><b>(72,8 ± 2)</b>              | 72.6 ± 1<br><b>(72.4 ± 2.8)</b>        | 71.3 ± 3.4                     | 72.9 ± 1.1<br><b>(0.66)</b>       | 0.35               | 73.1 ± 1.5      | 72.2 ± 1.2            | 0.38    |
| FEF25-75%. %pred<br><b>(49.4 ± 2.7)</b>       | 49.1 ± 2.2<br><b>(44.6 ± 6)</b>        | 44.5 ± 5                       | 50.2 ± 2.5<br><b>(0.20)</b>       | 0.19               | 51 ± 3.5        | 47.3 ± 2.8            | 0.55    |
| ECP. mcg/L<br><b>(32.6 ± 3.5)</b>             | 33.1 ± 2.8<br><b>(33 ± 8.7)</b>        | 36.4 ± 7.8                     | 32.5 ± 3 0.57<br><b>(1)</b>       |                    | 29.2 ± 3        | 36.3 ± 4.5            | 0.61    |
| PEBC. cells/μL<br>(313.9 ± 85.5)              | 319.8 ± 25.2<br><b>(517.6 ± 114.5)</b> | 495.6 ± 87.4                   | 278.6 ± 21.7<br><b>(0.13)</b>     | <b>0.03</b>        | 274.1 ± 26      | 361.9 ± 41.5          | 0.42    |
| Exacerbation in<br>Previous year. N°          | 1.2 ± 0,1<br><b>1.2 ± 0,1</b>          | 1.91 ± 0.4<br><b>(2 ± 0.5)</b> | 1.04 ± 0.1<br><b>(0.03)</b>       | <b>0.04</b>        | 1.1 ± 0.2       | 1.3 ± 0.2             | 0.75    |

Abbreviations: ABPA. allergic bronchopulmonary aspergillosis BE. bronchiectasis; CHRCT. Chest high-resolution computed tomography, BMI. body mass index; GR, gastroesophageal reflux; ACT. asthma control test; FENO. fraction of exhaled nitric oxide; FEV1. forced expiratory volume in 1 second; FVC. forced vital capacity; FEF25-75%. 25% to 75% forced expiratory flow; ECP. eosinophil cationic protein. PBEC. peripheral blood eosinophil count, Mann-Whitney U-test or Chi-square test was applied for continuous and categorical variables. Positive values (*P* value < .05) in italics bold. Patients without ABPA (No.) in bold and brackets.