**Baseline characteristics of subjects grouped by between-test concordance or discordance in indicating EIB**

| | Treadmill vs. Constant Step | | Treadmill vs. Incremental Step | | Constant vs. Incremental Step | |
|---|---|---|---|---|---|---|
| | Treadmill (+) Constant (-) | Treadmill (-) Constant (-) | Treadmill (+) Incremental (-) | Treadmill (-) Incremental (-) | Constant (+) Incremental (-) | Constant (-) Incremental (-) |
| Age, y | 10 ± 3 | 13 ± 2 | 11 ± 3 | 12 ± 2 | 11 ± 3 | 11 ± 3 |
| Height, cm | 43 ± 14 | 50 ± 10 | 41 ± 17 | 47 ± 12 | 39 ± 15 | 47 ± 14 |
| Weight, kg | 146 ± 15 | 153 ± 11 | 147 ± 20 | 151 ± 12 | 148 ± 20 | 149 ± 15 |
| BMI, kg/m$^2$ | 20 (18 – 22) | 21 (18 – 23) | 18 (15 – 21) | 20 (18 – 22) | 16 (15 – 20) | 20 (18 – 22) |
| GINA | 1 (1 – 3) | 1 (1 – 4) | 2 (1 – 3) | 2 (1 – 4) | 3 (1 – 3) | 2 (1 – 4) |
| GINA 1/2/3/4, *n* | 6/2/1/2 | 4/3/1/6 | 6/2/3/3 | 5/2/2/5 | 3/0/5/2 | 8/4/0/6 |
| FVC, L | 2.7 ± 1.2 | 3.0 ± 0.7 | 2.6 ± 1.4 | 2.9 ± 0.7 | 2.5 ± 1.1 | 2.9 ± 1.1 |
| FVC, % predicted | 109 ± 19 | 109 ± 8 | 101 ± 21 | 109 ± 9 | 97 ± 15 | 109 ± 16 |

| | | | | | | |
|---|---|---|---|---|---|---|
| FEV$_1$, L | 2.2 ± 0.7 | 2.6 ± 0.6 | 2.0 ± 0.7 | 2.5 ± 0.6 | 1.9 ± 0.6 | 2.4 ± 0.7 |
| FEV$_1$, % predicted | 98 ± 8 | 103 ± 9 | 89 ± 16 | 102 ± 8 | 86 ± 17 | 101 ± 9 |
| FEV$_1$/FVC | 84 ± 8 | 86 ± 6 | 82 ± 12 | 87 ± 7 | 82 ± 14 | 86 ± 8 |
| PEF, L | 5.2 ± 1.8 | 5.6 ± 1.3 | 4.8 ± 1.8 | 5.4 ± 1.4 | 4.6 ± 1.4 | 5.4 ± 1.7 |
| FEF$_{25-75}$, L | 2.2 ± 0.6 | 2.8 ± 0.7 | 2.0 ± 0.6 | 2.7 ± 0.9 | 2.1 ± 0.9 | 2.5 ± 0.8 |
| FEF$_{25-75}$,% predicted | 110 ± 25 | 110 ± 25 | 101 ± 32 | 120 ± 31 | 104 ± 47 | 114 ± 21 |

BMI = body mass index, GINA = Global Initiative for Asthma, FVC = forced vital capacity, PEF = peak expiratory flow, FEF$_{25-75}$ = forced expiratory flow between 25% and 75% of FVC.