**TABLE F10.- allergy challenges and functional outcomes: pft SCIT vs SLIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **SCORE** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tahamiler 20063 | Dust mite | SLIT  SCIT | 6 years | Nasal provocation challenge  Modified Gerth van Wijk and Dieges method | 0-9 | 5.5±1.4  5.6±1.5 | 2.8±2.0  1.4±1.2 | SLIT pre vs post, p<0.05  SCIT pre vs post, p<0.05 |
| Eifan  20105 | Dust mite | SLIT  SCIT  Pharmacotherapy | 1 year | Titrated allergen specific nasal provocation test |  | NR  NR  NR | NR  NR  NR | Significant increase in nasal provocative dose in SLIT (p=0.01) and SCIT (p=0.005) when compared to pharmacotherapy group at the end of 12 months. No significant differences between SLIT and SCIT were observed. |
| Mungan  19996 | Dust mites | SLIT  SCIT  Placebo | 1 year | Methacholine bronchial provocation test |  | NR  NR  NR | NR  NR  NR | SLIT pre vs post p=NS  SCIT pre vs post p=NS  Placebo pre vs post p=NS |
| Yukselen  20117 | Dust mites | SCIT  SLIT  Placebo | 1 year | HDM-Specific Nasal provocation | NR | NR | NR | SCIT pre vs post, p=0.05  SLIT pre vs post, p=0.01  SCIT vs SLIT p= 0.31 |
| Yukselen  20117 | Dust mites | SCIT  SLIT  Placebo | 1 year | HDM-Specific Bronchial provocation | NR | NR | NR | SCIT pre vs post, p=0.03  SLIT pre vs post, p=0.56  Placebo pre vs post, p=0.78  SCIT vs SLIT p= 0.91 |
| Keles  20118 | Dust mites | SCIT  SLIT  SCIT+SLIT  Pharmacotherapy | 1 year | Allergen specific nasal provocation dose | NR | 4.9  5  5  7 | 3  4  4.4  7.5 | SCIT vs Pharmacotherapy p=0.005  SLIT vs Pharmacotherapy p=0.044  SCIT+SLIT vs Pharmacotherapy p=0.035 |
| Keles  20118 | Dust mites | SCIT  SLIT  SCIT+SLIT  Pharmacotherapy | 1 year | Methacholine PC20 | NR | NR | NR | No significant change was detected in any of the groups |

PFT: Pulmonary Function Test NS: Not significant PEF: Peak Expiratory Flow FEV: forced expiratory volume