**Table D5 - Asthma symptom scores -SCIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **Score** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Wang  200610 | Dust mite | SCIT  Placebo | 1 year | Total daily asthma symptom score |  | 0.998 +/- 0.148  1.133 +/- 0.155 | 0.178 +/- 0.032  0.397 +/- 0.085 | SCIT vs Placebo pre p=0.543  SCIT vs Placebo post p=0.019 |
| Maestrelli  200413 | Dust mite | SCIT  Placebo | 3 years | Median monthly asthma symptom scores (4-point scale) | 0-3 | 5 (Year 1)  (baseline score NR)  14 (Year 1)  (baseline score NR) | 0.3  5 | SCIT pre vs post p NS  Placebo pre vs post p NS  SCIT vs Placebo p NS |
| Pichler  199667 | Dust mites | SCIT  Placebo | 12 months | asthma symptom scores |  | 5.5  13 | 3.5  7 | SCIT pre vs post p=0.014  Placebo pre vs post p=0.85  SCIT vs Placebo post p=0.09 |
| Kohno  199812 | Dust mite | SCIT - Rush  Bronchodilators | 6 months | Sum of asthma symptom scores | 4 symptom domains with various scales (largest scale was 0-12) | 16.63 ± 2.24  11.33 ± 1.82 | 1.00 ± 0.42  10.17 ± 2.14 | SCIT pre vs post p< 0.03  Bronchodilators  pre vs post p NS |
| Olsen  199714 | Dust mite | SCIT  Placebo | 1 year | Mean asthma symptom score per week | NR | 22  25 | 9.5  22 | SCIT pre vs post p<0.001  Placebo pre vs post p NS |
| Pifferi  20027 | Dust mite | SCIT  Pharmacotherapy | 3 years | Numbers of asthma exacerbations per year |  | 8  8.5 | 1  4.5 | SCIT vs Pharm p < 0.01 |
| Bousquet  19885  (Reported data for patients allergic to Dpt only) | Dust mite | SCIT – Rush  Control – No SIT | 12 months | Severity of asthma (as measured by symptoms) | 0-4 | 3.2 +/- 0.3  3.0 +/- 0.4 | 1.1 +/- 0.9  3.2 +/- 0.3 | SCIT pre vs post p <0.0001  Control pre vs post p NS  SCIT vs Control p <0.0001 |
| Tabar 200561 | Dust mite | SCIT Cluster  SCIT Conventional | 1 year | Asthma symptom score |  | 2.1  1.8 | 0.6  0.7 | Cluster pre vs post p <0.001  Conventional pre vs post p <0.001 |
| Tabar  201089 | Dust mite | SCIT 3 years  SCIT 5 years | 5 years | Global asthma score | 0-5 |  | 80.9% reduction  79.9% reduction | 3 vs 5 years, p=0.330 |
| Nouri-Aria  200359  Walker  200142 | Timothy grass | SCIT  Placebo | 2 years | Median chest symptom scores during grass pollen season | Scale of 0-3; totaled daily | 268  63 | 26  90% improvement  56  11% improvement | SCIT vs Placebo p < 0.05 |
| Creticos  19961 | Short  ragweed | SCIT  Placebo | Year 2 | 7 point scale | 0-6 | 4.6  4.3 | 2.9  3.5 | SCIT vs Placebo p=0.3 |
| Hill  19822 | Rye grass | SCIT  Placebo | Year 1 (preseasonal IT >4 months) | Median asthma symptom score | Calculated score from 3 domains | 3  (before season)  4  (before season) | 7  (during season)  5  (during season) | SCIT pre vs post p <0.05  Placebo pre vs post p NS |
| Hill  19822 | Rye grass | SCIT  Placebo | Year 2 (No IT given) | Median asthma symptom score | Calculated score from 3 domains | 3  (before season)  2  (before season) | 3  (during season)  5  (during season) | SCIT pre vs post p NS  Placebo pre vs post p significant, value not reported  (No report of statistical comparison between year 1 and year 2) |
| Dreborg  198680 | Cladosporium | SCIT – Cluster  Placebo | 6 months (during 2 weeks of highest spore counts) | Bronchial symptoms | 0-3 | 210  240 | 170  260 | SCIT vs Placebo p NS |
| Malling  198619 | Cladosporium | SCIT  Placebo | 5 to 7 months | Symptom score (includes symptoms plus peak flow) | Comparison of number of subjects who were improved,  unchanged or deteriorated | NR  NR | NR  NR | SCIT vs Placebo p = 0.07 |
| Kuna 201181 | Alternaria | SCIT  Placebo | 3 years | Mean asthma symptom scores  (Visual analog scale) | 0-400 | 88.6  85.5 | 22.4  42 | SCIT vs Placebo p = 0.0005 |
| Ohman  198415 | Cats | SCIT  Placebo | 17 weeks | Time to first increase in symptoms on exposure to cats |  | NR  NR | NR  NR | SCIT pre vs post p <0.05  Placebo pre vs post p NS  SCIT vs Placebo p <0.05 (comparison of change scores from baseline) |
| Adkinson  199720  Limb  200621 | Multiple | SCIT  Placebo | last follow up (≥18 months) | Symptom score |  | 0.34  0.37 | -0.08 (change from baseline)  -0.16 (change from baseline) | SCIT pre vs post p= 0.02  Placebo pre vs post p= 0.003  SCIT vs Placebo p = 0.5  (Mean difference  pre = 0.003; post = -0.08) |
| Cantani  199771 | Dust mites ryegrass and parietaria | SCIT  pharmacotherapy | Year 3 | Mean percentage of NIGHTS with asthma |  | NR  NR | 40  66 | SCIT vs Pharm p<0.0005 |
| Cantani  199771 | Dust mites ryegrass and parietaria | SCIT  control | Year 3 | Mean percentage of DAYS with asthma |  | NR  NR | 32  56 | SCIT vs Control p=0.0001 |