**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 | SCITPlacebo | 1 year | Total daily asthma symptom score |  | 0.998 +/- 0.1481.133 +/- 0.155 | 0.178 +/- 0.0320.397 +/- 0.085 | SCIT vs Placebo pre p=0.543SCIT vs Placebo post p=0.019 |
| Maestrelli 200413 | Dust mite | SCITPlacebo | 3 years | Median monthly asthma symptom scores (4-point scale) | 0-3 |  5 (Year 1) (baseline score NR)  14 (Year 1)(baseline score NR) | 0.35 | SCIT pre vs post p NSPlacebo pre vs post p NSSCIT vs Placebo p NS |
| Pichler 199667 | Dust mites | SCITPlacebo | 12 months | asthma symptom scores |  | 5.513 | 3.57 | SCIT pre vs post p=0.014 Placebo pre vs post p=0.85SCIT vs Placebo post p=0.09 |
| Kohno199812 | Dust mite | SCIT - RushBronchodilators | 6 months | Sum of asthma symptom scores | 4 symptom domains with various scales (largest scale was 0-12) | 16.63 ± 2.2411.33 ± 1.82 | 1.00 ± 0.4210.17 ± 2.14 | SCIT pre vs post p< 0.03Bronchodilators pre vs post p NS |
| Olsen 199714 | Dust mite | SCITPlacebo  | 1 year | Mean asthma symptom score per week | NR | 2225 | 9.522 | SCIT pre vs post p<0.001Placebo pre vs post p NS |
| Pifferi20027  | Dust mite | SCITPharmacotherapy | 3 years | Numbers of asthma exacerbations per year |  | 88.5 | 14.5 | 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 +/- 0.33.0 +/- 0.4 | 1.1 +/- 0.93.2 +/- 0.3 | SCIT pre vs post p <0.0001 Control pre vs post p NSSCIT vs Control p <0.0001 |
| Tabar 200561 | Dust mite | SCIT ClusterSCIT Conventional | 1 year | Asthma symptom score |  | 2.11.8 | 0.60.7 | Cluster pre vs post p <0.001Conventional pre vs post p <0.001 |
| Tabar201089 | Dust mite | SCIT 3 yearsSCIT 5 years | 5 years | Global asthma score | 0-5 |  | 80.9% reduction79.9% reduction | 3 vs 5 years, p=0.330 |
| Nouri-Aria200359Walker200142 | Timothy grass | SCITPlacebo | 2 years | Median chest symptom scores during grass pollen season | Scale of 0-3; totaled daily | 26863 | 2690% improvement5611% improvement | SCIT vs Placebo p < 0.05 |
| Creticos 19961 | Short ragweed | SCITPlacebo | Year 2 | 7 point scale | 0-6 | 4.64.3 | 2.93.5 | SCIT vs Placebo p=0.3 |
| Hill 19822 | Rye grass | SCITPlacebo | 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 <0.05Placebo pre vs post p NS |
| Hill 19822 | Rye grass | SCITPlacebo | 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 NSPlacebo pre vs post p significant, value not reported(No report of statistical comparison between year 1 and year 2) |
| Dreborg 198680 | Cladosporium | SCIT – ClusterPlacebo | 6 months (during 2 weeks of highest spore counts) | Bronchial symptoms | 0-3 | 210240 | 170260 | SCIT vs Placebo p NS |
| Malling198619 | Cladosporium | SCITPlacebo | 5 to 7 months | Symptom score (includes symptoms plus peak flow) | Comparison of number of subjects who were improved,unchanged or deteriorated | NRNR | NRNR | SCIT vs Placebo p = 0.07 |
| Kuna 201181 | Alternaria | SCITPlacebo | 3 years | Mean asthma symptom scores(Visual analog scale) | 0-400 | 88.685.5 | 22.442 | SCIT vs Placebo p = 0.0005 |
| Ohman198415 | Cats | SCITPlacebo | 17 weeks | Time to first increase in symptoms on exposure to cats |  | NRNR | NRNR | SCIT pre vs post p <0.05Placebo pre vs post p NSSCIT vs Placebo p <0.05 (comparison of change scores from baseline) |
| Adkinson 199720Limb200621 | Multiple | SCITPlacebo | last follow up (≥18 months) | Symptom score |  | 0.340.37 |  -0.08 (change from baseline) -0.16 (change from baseline) | SCIT pre vs post p= 0.02Placebo pre vs post p= 0.003SCIT vs Placebo p = 0.5(Mean difference pre = 0.003; post = -0.08) |
| Cantani 199771  | Dust mites ryegrass and parietaria | SCITpharmacotherapy | Year 3 | Mean percentage of NIGHTS with asthma |  | NRNR | 4066 | SCIT vs Pharm p<0.0005 |
| Cantani 199771  | Dust mites ryegrass and parietaria | SCITcontrol | Year 3 | Mean percentage of DAYS with asthma |  | NRNR | 3256 | SCIT vs Control p=0.0001 |