**Table D17- Rhinitis combined symptoms and medication scores-SCIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **Score** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Van Metre  198024 | Ragweed | SCIT  Placebo | End of pollen season | Total symptom and medication scores | 0-1 |  | 0.41  0.58 | SCIT vs Placebo  p =0.01 |
| Van Metre  198125 | Ragweed | SCIT-Weekly  Placebo-weekly  SCIT- clustered  Placebo-clustered | End of pollen season | Total symptom and medication scores |  | 2.2  1.2  2.2 | 3.0  5.8  1.8 | Weekly vs Cluster p <0.01  Weekly vs Placebo p NS  Cluster vs Placebo p <0.01 |
| Tabar  200561 | dust mite | SCIT-cluster  SCIT-conventional  Placebo | 1 year | total bronchial nasal and ocular medication scores | 0-8 | 6  6.2 | 2.6  2.7  2.65 +/- 1.89 | Cluster pre vs post p<0.001  SCIT Conventional pre vs post p <0.001 |
| Tabar  200765 | Alternaria | SCIT  Placebo | 12 months after maintenance dose began | Unspecified symptom and Medication score | 0-3 | 0.44 +/- 0.42  1.07 +/- 1.23 | 0.53 +/- 0.54  0.23 +/- 0.23 | No significant changes in the percentage of symptom-free and medication-free days in either goup |
| Kuna  201181 | Alternaria | SCIT  Placebo | 3rd year-peak season  Baseline – peak season | Sum of symptom and medication scores recorded daily during  allergy season (July, August, and September) | 3 yr:  Baseline: 75 | At baseline  SLIT: 75  plac: 75 | At 3rd year:  SLIT: 28  plac: 62 | SCIT vs Placebo  Baseline: p=0.73  year 3 p<0.0001  AUC year 1 10.8%,  AUC year 2 38.7%,  AUC year 3 63.5% |
| Osterballe 198273  Osterballe 198174  Osterballe 198075  Osterballe 198276 | Timothy | SCIT partially purified  SCIT Ag 19 25 | 3 years | Combined total symptoms and Medication score |  | 113  197 | 1  130 | partially purified vs Ag 19 25  p significant |
| Weyer  198182 | Grass mix | SCIT  Placebo | 8 months | Total symptom and medication scores | NR | 8+/-6  12+/-10 | 10+/- 7  18 +/- 15 | SCIT vs Placebo  p≤ 0.03 |
| Chakraborty 200685 | Date trees | SCIT  Placebo | 2 years | Combined symptom and medication score | 0-3 |  | 57% improvement | SCIT pre vs post p <0.001  Placebo pre vs post p NS |
| James  2011 41 | Grass | SCIT+2 yrs SCIT  SCIT+Placebo | 4 years | Combined rhinitis-medication score |  |  |  | SCIT+2 yrs SCIT Pre-Post p=0.03  SCIT+Placebo Pre-post  p=0.03 |
| Shamji  201240 | Grass | SCIT 100.000  SCIT 10.000  Placebo | 8 months | Combined symptom (nasal/eye)-medication score |  |  | 5.84+/-0.57  7.05+/-0.76  8.63+/-0.77 | SCIT high vs Placebo  p=0.001 |
| Petersen  198869 | Birch Pollen | SCIT-Birch + Pollen mix alum-precipitated  SCIT-Birch alone  alum-precipitated | 3 Years | Combined Symptom Medication Score |  |  |  | No difference between groups |
| Reid  198629 | Multiple (including grass) | SCIT grass  SCIT non grass | 7 months | Total rhinitis symptom-medication scores |  | NR  NR | 281  489 | Grass vs non grass p=0.11 |
| Franklin  196726 | Multiple allergens including ragweed | SCIT high dose  SCIT low dose | 6 months | Total rhinitis symptom-medication scores |  | 0.38 +/-0.69  0.73+/-0.97 | 2.08+/-0.91  2.31+/-0.91 | NS |