**Table D12- Rhinitis and rhinoconjunctivitis symptom scores (only nasal and ocular symptoms) -SCIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **Score** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Creticos 19961 | Short ragweed | SCIT  Placebo | Year 2 | 6 point scale  Total nasal symptom score | 0-5 | 4.1 +/- 0.3  4.5 +/- 0.3 | 3.1 +/- 0.4  3.8 +/- 0.5 | SCIT vs Placebo p=0.04 |
| Durham 199928 | Timothy grass | SCIT  Placebo | 3 years (pollen season) | Score for nasal symptoms | 0-21 |  | 679  422 | SCIT vs Placebo p = 0.98  CI -462 to 462 |
| Nouri-Aria 200359  Walker  2001 42 | Timothy grass | SCIT  Placebo | 2 years | Total nasal symptom score |  | 1.9  2.3 | 2.0  3.3 | SCIT vs Placebo p = 0.01  CI 0.25 to 1.75 |
| Nouri-Aria 200359  Walker 2001 42 | Timothy grass | SCIT  Placebo | 2 years | Combined nasal and ocular symptom score |  | 2576  1962 | 1277  (49%improvement)  1386  (15% improvement) | SCIT vs Placebo p=0.01  CI (241.5 1928.6) |
| Crimi 200434 | Parietaria | SCIT  Placebo | 1 month (august-september 1972) | Nasal and ocular symptom score | 0-3 | 1.097 | 1.378 | SCIT vs Placebo p<0.05 |
| Bernstein 197635 | Short ragweed | SCIT  Placebo | 3 years | Nasal and ocular symptom score | 0-400 | 140  133 | 145  (16% improvement)  310  (-121% improvement) | SCIT vs Placebo p=0.001 |
| Frew 200636 | Timothy grass | SCIT100,000 SQU  SCIT 10,000 SQU  Placebo | end of season | 4 point scale nasal symptom score | 0-4 |  | 1.88  2.19  2.75 | SCIT100,000 vs 10,000  p= 0.16 CI -1.05 to -0.07  SCIT100,000 vs Placebo  p< 0.0001 CI -1.28 to -0.44  SCIT 10,000 vs Placebo  p= 0.025 CI -1.05 to -0.07 |
| Frostad 198343 | Timothy and grass mix | SCIT pure  SCIT crude SCIT grass mix  Control | 3 years | Nasal and ocular symptom score | 0-5 |  | 0.5  1.8  3.1  NR | Timothy pure Vs control p< 0.001  Timothy crude Vs control p= 0.02  Timothy pure Vs grass p= 0.001  Other comparisons NS |
| Junqueira de Queiros 200830 | Dust mite | SCIT  Placebo | 1 year | Rhinitis symptom score |  | 22  22 | 7  7 | SCIT pre vs post p<0.05  Placebo pre vs post p<0.05  SCIT vs Placebo p NS |
| McHugh 199031  Ewan 198832 | Dust mite | SCIT purified-pharmalgen  SCIT crude-allpyral  Placebo | 3 months | Unspecified nasal symptom scores |  | 48.1 +/- 3.8  53.8 +/- 5.6  43.8 +/- 3.9 | 36.2 +/- 4.7  33.9 +/- 5.9  42.3 +/- 4.8 | purified-pharmalgen  vs Placebo p NS  crude-allpyral  vs Placebo p NS |
| Klimek 199944 | Grass mix-Trees mix | SCIT  Pharmacotherapy | 44 weeks | median nasal symptoms score |  |  | 106.5  264 | SCIT vs Pharmacotherapy p= 0.02 |
| Leynadier 200045 | Grass mix | SCIT  Placebo | 1 year | Unspecified nasal symptom scores |  |  | 33.5  38.6 | SCIT vs Placebo p NS |
| Ohman 198415 | Cat | SCIT  Placebo | 17 weeks | Time to increase in nasal symptoms on exposure |  |  |  | SCIT pre vs post p NS  Placebo pre vs post p NS  SCIT 1 vs placebo p NS |
| Polosa 200422  Polosa 2003 23 | Parietaria | SCIT  Placebo | 3 years | Unspecified nasal symptom scores | 0-3 | 140  133 | 145  16% improvement  310  210% improvement | SCIT vs Placebo p =0.001 |
| PAT study  Möller 200246 Niggeman 200647  Jacobsen, 200748 | SCIT  Grass and Birch | SCIT  Placebo | 5 years | VAS Nose symptom score |  | 0  0 | -21.5  -7.4 | SCIT vs Placebo p <0.01 |
| Olsen 199549 | Mugwort  Birch  Timothy | SCIT-Artemisia  SCIT- Betula /Phleum extract | 2 years | Nasal and ocular symptom score |  | 20 | 21 | SCIT pre vs post p NS |
| Varney 199137  Durham 201038  Durham 199639 | Timothy | SCIT  Placebo | 7 months | Total nasal symptom score |  |  | 49  143 | SCIT vs Placebo p=0.002  CI 38 to 111 |
| Zenner. 199650 | Grass mix | SCIT  Placebo | 10 weeks | Unspecified nasal symptom scores |  |  | 44.5  63.3 | SCIT vs Placebo p =0.014 |
| Tabar 200765 | Alternaria | SCIT  Placebo | 12 months after maintenance dose began | Unspecified nasal symptom scores | 0-3 | 0. 67 +/- 0.48  0.65 +/- 0.52 | 0.79 +/- 0.54  0.39 +/- 0.29 | SCIT vs Placebo p= 0.002 |
| Kuna 201181 | Alternaria | SCIT  Placebo | 3 years | Mean rhinitis symptom scores  (Visual analog scale) | 0-500 | 311.1  331.0 | 78.7  145.0 | SCIT vs Placebo p = 0.028 |
| Pichler, 199667 | Dust mites | SCIT  Placebo | 12 months | Subjective rhinitis score |  | 22  39.5 | 8  26 | SCIT pre vs post p=0.0064 Placebo pre vs post p=0.57  SCIT vs Placebo p= 0.0393 |
| Varney, 200368 | Dust mites | SCIT  Placebo | 12 months | Total nasal score |  | 135 +/- 18  153 +/- 27 | 40 +/- 12  111 +/- 18 | SCIT pre vs post p=0.013 Placebo pre vs post p NS  SCIT vs Placebo p= 0.04 |
| Mirone 200472 | Short ragweed | SCIT  Placebo | 1 year | Rhinitis symptoms  score |  | 7.5  5.8 | 4.5  9.3 | SCIT pre vs post p NS  Placebo pre vs post p NS |
| Osterballe 198273  Osterballe 198174  Osterballe 198075  Osterballe 198276 | Timothy | SCIT  partially purified  SCIT  Ag 19 25 | 3 year | Rhinitis symptoms  score |  | 0  0 | 52  20 | NR |
| Rak  200178  Rak  200579 | Birch | SCIT  Nasal steroid |  | symptom score for rhinoconjunctivitis |  | 13.4±6.5  8.3±4.9 | 21.6±3.6  11.4±2 | SCIT vs Placebo 0.04 |
| Bousquet 199183  Bousquet 199184 | Orchard Olive Parietaria | SCIT Grass  placebo | End of season | symptom score for rhinitis and rhinoconjunctivitis |  |  | 4.9  9.8 | SCIT vs Placebo p< 0.03 |
| Dolz 199686 | Timothy-Orchard-Ryegrass | SCIT  Placebo | 3 year | Unspecified nasal symptom scores |  | 0  0 | 0  35 | SCIT pre vs post <0.0001 |
| Ariano 199727 | Cypress-Cedar | SCIT  Placebo | 3 year | Unspecified symptoms scores | 0-8 | 3.5  3.6 | 1.6  4.0 | NR |
| Franklin 196726 | Multiple allergens including ragweed | SCIT high dose  SCIT low dose | 6 months | Mean symptom scores  -Baseline and peak season scores |  | 0.29 +/-0.45  0.27+/-0.51 | 1.37+/-0.98  2.03+/-0.92 | High vs Low p<0.05 |