**TABLE E9.- combined symptom and medication symPTom scores -SLIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **SCORE** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Purello-D’Ambrosio  19991 | Parietaria | SLIT  Placebo | 10 months | Nasal, eye, bronchial symptoms plus medication | 0-27 | NR  NR | NR  NR | SLIT vs Placebo p=0.04  45% improvement over placebo |
| Cortellini 2010 4 | Alternaria | SLIT  placebo | 10 months | Eye, nose, asthma symptoms plus medication |  | NR | NR | SLIT vs Placebo p=0.01 |
| Sambugaro  20039 | Dust mite, grass mix, ragweed, parietaria | SLIT 8 day induction  SLIT 15 day  SLIT 20 day  Conventional therapy | 2 years | Allergic symptoms, plus amount of medication | 0-6 | 5  5  5  5 | 3.1  2.1  1.9  5.25 | All SLIT arms pre/post treatment p<0.0001 (48-50% reduction),  All SLIT arms vs placebo p=0.0001 (51-55% reduction) |
| Horiguchi, 200810 | Japanese Cedar | SLIT  placebo | 7 months | Nasal symptoms plus medication | NR | NR  NR | 1.2  1.7 | SLIT vs Placebo p<0.001 |
| Okubo, 200811 | Japanese cedar | SLIT  placebo | End of season (april) | Nasal symptoms plus medication | NR | NR  NR | NR  NR | SLIT vs Placebo NS |
| Fujimura  201112 | Japanese Cedar | SLIT  placebo | 20 months | 0-4 nasal sx plus 0-2 per medication used per day | NR | NR | NR | Total SMS: SLIT vs Placebo NS (exact p value is not given, only NS)  Peak season:  SLIT vs Placebo p=0.02 |
| D'Ambrosio, 199617 | Parietaria | SLIT  Conventional therapy | 8 months | Nasal, eye, bronchial symptoms plus medication | NR | NR  NR | 5247  7158 | SLIT vs conventional  P=0.037 during peak season |
| Skoner, 201021 | Ragweed | SLIT –high dose  SLIT-medium does  Placebo | 17 weeks | Nasal, ocular symptoms plus medication |  | NR  NR  NR | 0.19 +/- 2.32  0.63 +/- 2.02  1.63 +/- 2.99 | SLIT high vs Placebo  p =0.02,  SLIT low vs Placebo NS |
| Di Rienzo, 200622 | Mountain Cedar | SLIT  Placebo | 0-12 | Nasal, ocular symptoms plus medication |  | NR  NR | NR  NR | SLIT vs Placebo NS |
| Makino, 201023 | Japanese Cedar | SLIT  Placebo | 5 months | Nasal symptoms plus medications | NR | NR  NR | 122  166 | SLIT vs Placebo NS |
| Novembre, 200426 | Grass Mix | SLIT  Conventional therapy | 3 years | Nasal, eye, bronchial symptoms plus medication | NR | NR  NR | NR  NR | SLIT vs Conventional NS |
| Ott,  200827  Sieber 201228 | Grass mix | Placebo  SLIT | 18 months | Nasal, eye, bronchial symptoms,  plus medications |  | 0.97  1.28 | -1.76  -1.19 | SLIT vs Placebo NS |
| Marogna, 200740 | Birch, Grass,  Birch plus Grass | SLIT Birch  SLIT Grass  SLIT Birch + Grass  Conventional Therapy | End of season 4 | Nasal, eye, bronchial symptoms,  plus medications |  |  |  | All SLIT Arms: pre versus post–treatment intra-group comparison, p <0.05 |
| Marogna, 200841 | Dust mite, birch, grass mix, parieteria | SLIT  Placebo | 3 years | Nasal, eye, bronchial symptoms,  plus medications | 0-750 | 140  145 | 40  100 | SLIT vs Placebo P<0.001 |
| Moreno-Ancillo, 200742 | Grass Mix and Olive | SLIT  Placebo | 10 months | Nasal, eye, bronchial symptoms plus medication | NR | 1.89  1.76 | 1.23  1.10 | SLIT vs Placebo NS |
| Guez,  200048 | Dust mite | SLIT  Placebo | 2 years | Nasal symptoms plus medications |  | 13.0  14.3 | 6.4  9.2 | SLIT pre vs post p <0.01  Placebo pre vs post p< 0.01 |
| Marogna  201049 | Dust mite  (PD20 is inclusion criteria) | SLIT 3 yrs;  SLIT 4 yrs;  SLIT 5 yrs. | 15 years | Nasal, chest, eye, 0-3 per symptoms; 0-1 per med |  | 417  383  412 | 5 yr, 20 yr:  100, 250  125, 80  140, 40 | P values not reported  (Note: values abstracted at of 5 years, then at year 20 before 2nd course of SLIT started in some groups) |
| Passalacqua 199952 | Parietaria | SLIT  Placebo | 8 months | Nasal, eye, bronchial symptoms plus medication |  | 417.1  403.5 | 231.5  274.3 | SLIT pre vs post p =0.006,  Placebo pre vs post p›0.046 |
| Voltolini  2001 32 | Alder, birch, hazel | SLIT  medications | 2 yrs | Medication, eye, nasal, chest symptoms |  | NR  NR | 134.04  272.2 | SLIT vs Meds p›0.002 |
| Pajno  201155 | Grass Mix | Cont SLIT  Co-seasonal SLIT | 3 yrs | 0-3 per symptom (nose, chest, eye), 1 point topical med, 2 point systemic med per day | % reduction from baseline | NR | 70% reduction  55% reduction | Cont vs coseasonal NS |
| Pfaar,  200857 | Grass mix | Placebo  SLIT | 1.5 years | Nasal, eye, bronchial symptoms plus medication |  | 527  442 | 214  453  9.15 +/- 10.8 | SLIT vs Placebo p= 0.002 |