**Table D19 -NASAL AND OCULAR CHALLENGES SCORES - SCIT**

| **Study** | **Allergen** | **Arms** | **Time of measure** | **Scale description** | **Value Pre** | **Value post** | **Comparative values** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Pichler 199667 | Dust mites | SCITPlacebo | 12 months | Conjunctival provocation test | 100000100000 | 100000100000 | SCIT pre vs post p=0.469Placebo pre vs post p=0.4062SCIT vs Placebo p=0.0196 |
| Muro 199960 | Dust mites | SCIT-ClusterSCIT- Conventional | 18 months after maintenance | Conjunctivalprovocation test | 7.4 (BU/ml)14.6 |  | Cluster pre vs post, p<0.01Converntional, pre vs post p<0.01Cluster vs conventional p<0.05 |
| Arvidsson 200456Arvidsson 200257 | White birch | SCITPlacebo | 2 years | Conjunctival provocation test | NRNR | NRNR | SCIT vs Placebo p= NS |
| Dreborg 2011 51 | Dust MiteTimothy | SCIT TimothySCIT dust mite | 3 years | Conjunctival Provocation Challenge | 6166724 | 10000026915 | Timothy: 16 fold increase p<0.05Dust Mite: 32 fold increase, p<0.05 |
| Dreborg 198680 | Cladosporium | SCITPlacebo | 10 week period during peak season | Conjunctival provocation tets | NRNR | NRNR | SCIT vs Placebo p>0.05SCIT pre vs post, p=0.01 |
| Alvarez-Cuesta 199487 | Cats | SCITPlacebo | 1 year | Conjunctival provocation test |  | 78% had improved conjunctival sensitivity21% | There was a significant difference in the threshold dose that caused pruritis, p<0.001 |
| Varney 199788 | Cat | SCITPlacebo | 3 months | Conjunctival provocation threshold | 40252109 | NRNR | SCIT vs Placebo p<0.001 |
| Valovirta198617Valovirta198418 | Dog | SCITPlacebo | 1 year | Conjunctival provocation test |  |  | SCIT vs Placebo p<0.001 |
| Olsen 199714 | Mugworth, Birch, Timothy grass | SCIT- ArtemesiaSCIT- Betula | 2 years | Conjunctival provocation test with Artemesia | 3.63.6 | 4.53.5 | Artemisia, pre vs post, p<0.01Betula, pre vs post, p<0.05 |
| Olsen 199714 | Mugworth, Birch, Timothy grass | SCIT- ArtemesiaSCIT- Betula | 2 years | Conjunctival provocation test with Betula | 3.83.8 | 3.35.2 | Artemisia, pre vs post, p<0.01 |
| The PAT studyMöller 200246 Niggeman200647Jacobsen200748 | Timothy grass, Birch | SCITPlacebo | 5 years | Ocular provocation test |  |  | SCIT vs Placebo p<0.001 |
| Bousquet 199183Bousquet 199184 | Grass and tree pollen | SCIT-grassPlacebo-grassSCIT-multiple pollenPlacebo-multiple pollen | End of season | Nasal provocation (Mean number of pollen grains needed to cause reaction) |  | 69175±706551544±55828687±514373086±7510 | Grass vs Placebo, p<0.01Multiple vs Placebo, p=NSSingle vs Multiple, p=NS |
| Leynadier 2000 45 | Grass mix | SCITPlacebo | 1 year | Nasal provocation test (Amount of allergen needed in IR) | 21.431 | 63.437.7 | SCIT, pre vs post, p<0.05SCIT vs Placebo p>0.05 |
| Kuna201181 | Alternaria | SCITControl |  | Nasal challenge | 207199 | 67185 | SCIT pre v. post p p<0.05Placebo, pre vs post, p=0.07SCIT vs Placebo p=0.04 |
| Horst198964 | Alternaria | SCITPlacebo | 1 year | Nasal challenge | 2.8±0.62.8±1.0 | 1.6±1.22.5±1.1 | SCIT, pre vs post, p<0.001Placebo, pre vs post, p=NSSCIT vs Placebo p<0.05 |
| Ariano 199727 | Cypress-Cedar | SCITPlacebo | 3 year | Nasal challenge | 83.1784.64 | 88.3485.16 | NR |
| McHugh 199031Ewan 198832 | Dust mite | SCITpurifiedSCITcrudePlacebo | 1 year | Nasal provocation challenge | 48.1±3.853.8±5.643.8±3.9 | 36.2±4.733.9±5.942.3±4.8 | SCIT pure pre vs post, p<0.05SCIT crude pre vs post, p<0.05SCIT pure vs placebo, p<0.05 |
| Naclerio 199754Iliopoulos 199155 | Rag weed | SCITPlacebo | 1 year | Nasal provocation challenge |  |  | SCIT pre vs post,no significant changes |