**TABLE G3. Intervention Characteristics -SCIT- PEDIATRICS**

1. **Table G3a. Intervention characteristics – SCIT- Pediatrics-Asthma**

| **Study** | **ARMS** | **Conventional/ Rescue therapy** | **Maintenance Dose** | **Cumulative Dose** | **Maintenance Dosing Interval** | **Major allergen content** | **Duration of treatment** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Hill  19821 | SCIT Rye grass Rush  Placebo | conventional therapy | 75-1000PNU =  1 PNU of rye pollen | NR | Every 2 weeks until the start of the season; then every 4 weeks until the end of season | NR | 8 months |
| Altintas  19992 | SCIT Dust mite  Adsorbed Aluminum  SCIT Dust mite  Adsorbed calcium | NR | 50000 -100000 SQ (targeted)  60000 to 100000 SQ (actual)  6 -10 IR (10 IR 1/1000w/v) | NR | Every 4 weeks | NR | 2 years |
| Pifferi  20023 | SCIT Dust mite HDM  No treatment | conventional therapy | 800 U | 24758.33 U  (mean) | 4 -6 weeks | NR | 3 years |
| Van Bever  19904 | SCIT Dust mite Cluster  SCIT HDM Placebo | conventional therapy | 1000 BU | 16497 - 28497  (Year1: 16,497  Year 2: 12000)  Year1: 16,497 Year 2:placebo | Every 4 weeks | NR | 2 year |
| Schubert  20095 | SCIT dust mite Cluster  alum-precipitated  SCIT dust mite  Conventional  alum-precipitated | conventional therapy | 5000 TUafter 6 weeks  5000 TU after 14 weeks | Either  30,825 TU or  33,825 TU  21,325 TU | Every 2- 4 weeks  Every 2 weeks | NR | 16 weeks |
| Valovirta  19866  Valovirta  19847 | SCIT Dog  alum-precipitated  Placebo | NR | 100,000 SQ U  (Range from 8000 to 50000 in 4/15 subjects) | NR | 6 weeks | NR | 1 year |
| Adkinson  19978  Limb  20069 | SCIT  Multiple allergen  Placebo | conventional therapy and rescue therapy | 0.7 mL of concentrate | NR | Biweekly for 24 months,  every 3 weeks after 24 months | 4.3 µg Der p1-5 µg Der f1-26 µg Amb a138 µg group 1 (Grass mix – timothy orchard perennial ryegrass) 6 µg Alt a1Not reported for Bermuda grass English plantain white oak Cladosporium herbarum Aspergillus fumigatus | 27 months |

BU: Biological units SQU: standard quality units PNU: Protein Nitrogen Unit AU Allergy unit µg Ag/ml: major protein unit TU Treatment units wt/vol Weight to volume SE: Specific units of short-term immunotherapy IR: See appendix C for detailed explanation on unitage

1. **Table G3b. Intervention characteristics – SCIT- Pediatrics-Rhinoconjunctivitis**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Study** | **ARMS** | **Conventional/ Rescue therapy** | **Maintenance Dose** | **Cumulative Dose** | **Maintenance Dosing Interval** | **Major allergen content** | **Duration of treatment** |
| The PAT study  Möller 200210 Niggeman 200611  Jacobsen 200712 | SCIT  Grass and Birch  alum-precipitated  Placebo | conventional therapy | 100,000 SQ U/ml  (Alutard SQ) | not specified | every 6 +/- 2 weeks interval | 20 μg Phl p5  (grass) and 12 μg  Bet v 1 (Birch) | 3 years |

BU: Biological units SQU: standard quality units PNU: Protein Nitrogen Unit AU Allergy unit µg Ag/ml: major protein unit TU Treatment units wt/vol Weight to volume SE: Specific units of short-term immunotherapy IR: See appendix C for detailed explanation on unitage

1. **Table G3c. Intervention characteristics – SCIT- Pediatrics-Asthma and Rhinitis**

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| **Study** | **ARMS** | **Conventional/ Rescue therapy** | **Maintenance Dose** | **Cumulative Dose** | **Maintenance Dosing Interval** | **Major allergen content** | **Duration of treatment** |
| Akmanlar  200013 | SCIT Dust mite Rush  SCIT Dust mite  Conventional | conventional therapy | 100000 SQ-U  50000- 100000 SQ-U | NR | Biweekly  Every 4 weeks |  | 3 years |
| Hedlin  199914 | SCIT-perennial  (cat or dust mite)  alum-precipitated  SCIT-seasonal  (birch or timothy) + Placebo | conventional therapy | 100,000 SQU  100,000 SQU | NR | Every 6 weeks | 15.0 μg Fel d 1; 7.0 μg Der p 1 (maintenance)  20 μg Phl p 5;  23 μg Bet v 1 (maintenance) | 3 years |
| Cantani  199715 | SCIT Dust mite Parietaria ryegrass  alum-precipitated  Pharmacotherapy | conventional therapy | 500 BU per month | 26000 BU | Every 4 weeks |  | 3 years |

BU: Biological units SQU: standard quality units PNU: Protein Nitrogen Unit AU Allergy unit µg Ag/ml: major protein unit TU Treatment units wt/vol Weight to volume SE: Specific units of short-term immunotherapy IR: See appendix C for detailed explanation on unitage

1. **Table G3d. Intervention characteristics – SCIT- Pediatrics-Asthma and Rhinoconjunctivitis**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Study** | **ARMS** | **Conventional/ Rescue therapy** | **Maintenance Dose** | **Cumulative Dose** | **Maintenance Dosing Interval** | **Major allergen content** | **Duration of treatment** |
| Dreborg  198616 | SCIT Cladosporium  Placebo | conventional therapy | 100000 BU  (reached after 18 weeks | NR | Every 4 weeks |  | 10 months |
| Kuna  201117 | SCIT  Placebo | ONLY rescue therapy | 1. ml (5000 TU/ml) or the highest tolerated dose | 24.6 ml =123,000 TU  (range, 109,000-158,000 TU). | Every 4 to 6 weeks | 8 µg/mL Alt a 1 | 3 years |

BU: Biological units SQU: standard quality units PNU: Protein Nitrogen Unit AU Allergy unit µg Ag/ml: major protein unit TU Treatment units wt/vol Weight to volume SE: Specific units of short-term immunotherapy IR: See appendix C for detailed explanation on unitage