

1 **Supplementary Materials**

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Table E1. Allergen Sensitization Data			
Allergen	Skin Prick Test[^] (mm wheal, biconcave measurement)		Specific IgE[§] (kU/L)
Controls			
Saline	0	0	--
Histamine	5	6	--
Dust Mites			
Dust Mite Mix	0	0	--
<i>D. pteronyssinus</i>	--	--	0.5
<i>D. farinae</i>	--	--	0.67
Animals/Insects			
Cat	2	2	1.64
Dog Dander [HollisterStier]	2	2	1.14
Cockroach Mix	0	0	--
Molds			
<i>Aspergillus fumigatus</i>	2	2	2.49
<i>Aspergillus niger</i>	--	--	<0.35
<i>Alternaria alternata</i>	10	5	--
<i>Bipolaris sorokiniana</i>	0	0	--
<i>Cladosporium</i>	0	0	--
<i>Penicillium mix</i>	0	0	--
<i>Candida albicans</i>	--	--	4.49
Tree Pollens			
Elm Mix	0	0	18.5
Hickory – Pecan Mix	0	0	39.5
Oak Mix / White Oak	12	5	22.9
Ash Mix	13	10	26.1

Birch Mix	4	3	21.1
Maple Mix / Maple Leaf Sycamore	0	0	11.8
Poplar, White / Cottonwood [White Poplar]	0	0	12.6
Sycamore, Eastern	10	5	--
Black Walnut	7	4	--
Black Willow	5	5	--
Cedar, Red	2	2	--
Beech (American)	--	--	22.4
Box Elder	--	--	6.89
Walnut	--	--	21.5
Grass Pollens			
Grass Mix 7	15	10	--
Meadow Fescue	--	--	42.8
Johnson Grass	--	--	13
Timothy	--	--	39.6
Orchard	--	--	40.3
Bermuda	20	7	--
Johnson	15	10	19.8
Bahia			20.4
Weed Pollens			
Cocklebur	3	3	2.24
Lamb's Quarter	10	10	7.48
Rough Pigweed	6	5	9.09
Ragweed Mix / Short ragweed	10	5	11.8
Plantain – Sorrel Mix	8	7	--
English Plantain	--	--	10.6











Sheep Sorrel	--	--	9.31
Mugwort, Common	15	13	7.52
Baccharis	3	3	--
Goldenrod	--	--	8.35
Foods			
Fish Mix	4	4	--
Shellfish Mix	5	4	--
Milk (Cow) IgE	--	--	<0.35
Cod Fish	--	--	1.09
Shrimp	--	--	2.98
[^] Performed using Stallergenes Greer allergen extracts (Lenoir, NC) with Greer pick device technique (exception is Dog dander, which used a HollisterStier extract [Spokane, WA]) [§] Performed using ImmunoCAP™ (Thermo Fisher Scientific, Waltham, MA)			

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Figure E1 Legend. Selected Endoscopic Images Pre- and Post-Interventions. At baseline, the endoscopic activity is active, with exudates, rings, edema, and furrows (Ex2, R1, E1, F1, S0). There is non-response after six-food elimination diet (SFED) and a stricture is now noted (Ex1, R2, E1, F1, S9). After OVB, there is improvement in endoscopic appearance (Ex0, R1, E0, F0, S16), but when this was stopped and during the subcutaneous immunotherapy (SCIT) build-up phase there is a flare (Ex1, R1, E1, F1, S16). Finally after 8 months of maintenance SCIT and while off topical steroids, there is complete response (Ex0, R0, E0, F0, S0).

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Baseline, Post-PPI x 3 months	Post-SFED x 6 weeks	Post-OVB x 4 months	Post-OVB cessation and multiallergen SCIT (build-up phase) x 3 months	Post-Multiallergen SCIT (maintenance phase) x 8 months
				
				

PPI, proton pump inhibitor; SFED, six-food elimination diet; OVB, oral viscous budesonide; SCIT, subcutaneous immunotherapy

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