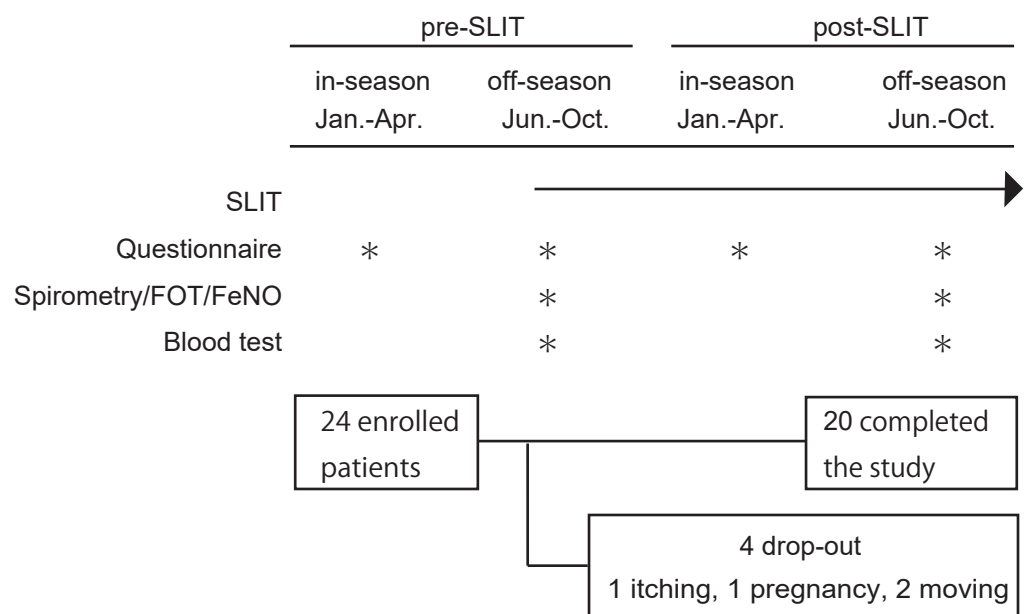


**Supplemental Table S1.** Detection limits of the multiplex bead array assays

Target	Assay working range (pg/mL)	
	LLOQ	ULOQ
IL-1 $\beta$	0.27	1117
IL-1R $\alpha$	7.41	121425
IL-4	0.21	856
IL-5	0.8	13069
IL-7	0.68	11063
IL-8	0.81	3315
IL-9	1.23	5031
IL-10	0.81	3321
IL-12	1.87	7667
IL-13	0.34	1400
IL-17	2.00	32716
Eotaxin-1	0.09	372
Basic FGF	0.89	14649
G-CSF	1.73	28267
IFN- $\gamma$	0.60	2455
MCP-1	0.58	2392
MIP-1 $\alpha$	0.07	1127
PDGF-BB	1.24	20331
MIP-1 $\beta$	0.28	4543
RANTES	0.91	14838
TNF- $\alpha$	3.18	52115
VEGF	2.37	38806

Abbreviations: FGF, fibroblast growth factor; G-CSF, granulocyte-colony stimulating factor; IFN- $\gamma$ , interferon-gamma; IL, interleukin; LLOQ, lower limit of quantification; MCP, monocyte chemoattractant protein; MIP, macrophage inflammatory protein; PDGF, platelet-derived growth factor; RANTES, regulated on activation normal T cell expressed and secreted; TNF- $\alpha$ , tumor necrosis factor- $\alpha$ ; ULOQ, upper limit of quantification; VEGF, vascular endothelial growth factor.



**Supplementary Figure. S1.** Flowchart of study methods with patient inclusion and exclusion in the study

