

Supplementary table S3 Comparison of Pneumococcal Serotype-Specific IgG (Geometric Mean Concentrations with 95% CI, $\mu\text{g/ml}$) between Two Time Points Following Immunization (0-2 Years vs. 4-6 Years) and Percentage of Children with IgG Level of $\geq 0.35 \mu\text{g/ml}$ in Children with Catch-Up (1-2 doses), 2+1 and 3+1 Schedules

PCV13 Catch-up						
Serotype	0-2 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	4-6 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	<i>P</i> value ^a	<i>P</i> value ^b
3	0.30 (0.24-0.38)	43.1	0.26 (0.21-0.33)	32.5	0.148	0.212
6A	0.89 (0.61-1.30)	76.5	0.68 (0.50-0.92)	62.3	0.231	0.330
7F	0.90 (0.69-1.17)	82.4	0.65 (0.53-0.81)	75.3	0.038	0.420
19A	1.49 (1.13-1.97)	98.0	2.33 (1.79- 302)	97.4	0.031	0.050
6b	1.24 (0.77-2.01)	73.3	0.98 (0.72-1.34)	71.3	0.290	0.428
14	3.50 (2.36-5.17)	100	2.14 (0.65-2.77)	93.3	0.061	0.215
19F	1.48 (1.01-2.17)	95.6	1.49 (1.16-1.90)	86.7	0.947	0.671
23F	0.76 (0.55-1.04)	82.2	1.08 (0.80-1.45)	97.9	0.599	0.048
PCV13 2+1						
Serotype	0-2 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	4-6 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	<i>P</i> value ^a	<i>P</i> value ^b
3	0.44 (0.29-0.67)	60.0	0.29 (0.21-0.40)	33.3	0.414	0.531
6A	1.24 (0.79-1.97)	95.0	0.40 (0.28-0.58)	61.1	0.011	0.141
7F	1.33 (0.90-1.95)	95.0	0.39 (0.26-0.57)	61.1	0.003	0.058
19A	1.58 (1.06-2.51)	95.0	2.68 (1.62-4.43)	100	0.049	0.482
6b	1.63 (1.04-2.53)	100	0.52 (0.28-0.95)	54.5	0.001	0.476
14	4.65 (2.96-7.26)	100	1.98 (1.24-3.14)	100	0.025	0.067
19F	1.76 (1.22-2.54)	100	1.52 (0.84-2.72)	86.4	0.324	0.266
23F	1.12 (0.74-1.69)	86.9	0.91 (0.52-1.60)	77.3	0.456	0.713
PCV13 3+1						
Serotype	0-2 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	4-6 years GMC $\mu\text{g/ml}$	% ≥ 0.35 $\mu\text{g/ml}$	<i>P</i> value ^a	<i>P</i> value ^b
3	0.29 (0.21-0.40)	36.8	0.27 (0.17-0.43)	42.1	0.995	0.357
6A	1.01 (0.69-1.46)	78.9	0.54 (0.31-0.97)	63.2	0.053	0.195
7F	0.74 (0.55-1.00)	81.6	0.52 (0.30-0.91)	73.7	0.019	0.934
19A	1.20 (0.87-1.64)	89.5	2.64 (1.26-5.52)	89.5	0.034	0.043
6b	1.79 (1.21-2.67)	90.0	0.83 (0.49-1.41)	69.2	0.038	0.226
14	2.88 (1.95-4.26)	97.5	1.57 (0.96-2.59)	96.2	0.114	0.045
19F	1.36 (0.99-1.86)	95.0	1.53 (0.88-2.67)	92.3	0.618	0.415
23F	1.36 (0.89-2.08)	82.5	1.10 (0.61-1.98)	80.8	0.319	0.857

GMCs were compared between the groups (0-2 years vs. 4-6 years) using a Mann-Whitney U test (a).

Proportion of children above threshold levels ($0.35 \mu\text{g/ml}$) were compared between the groups (0-2 years vs. 4-6 years) using a chi-square test (b). Significant changes between two time points (0-2 years vs. 4-6 years) are in bold, *P* values < 0.05 were regarded as statistically significant.