

Supplemental Digital Content 4. Pneumococcal IgG GMCs by Time Point for Preterm Subgroup Evaluable Immunogenicity Populations

		GMC^a (95% CI)^b		
		Gestational Age, wk		
		<29 n^c=16–21	29 to <32 n^c=33–45	32 to <37 n^c=16–21
PCV7 Serotypes				
4	Before toddler dose	0.32 (0.22–0.46)	0.28 (0.22–0.36)	0.37 (0.27–0.50)
	1 month after toddler dose	1.41 (1.05–1.88)	2.87 (2.29–3.59)	3.58 (2.66–4.83)
	1 year after toddler dose	0.32 (0.21–0.49)	0.29 (0.23–0.37)	0.30 (0.19–0.46)
	2 years after toddler dose	0.21 (0.13–0.33)	0.19 (0.16–0.24)	0.17 (0.11–0.28)
6B	Before toddler dose	0.49 (0.30–0.80)	0.42 (0.31–0.56)	0.59 (0.42–0.83)
	1 month after toddler dose	3.29 (2.24–4.84)	4.28 (3.18–5.75)	6.28 (4.60–8.58)
	1 year after toddler dose	1.06 (0.70–1.60)	1.28 (0.96–1.70)	1.49 (0.84–2.66)
	2 years after toddler dose	0.96 (0.58–1.60)	1.81 (1.28–1.56)	1.39 (0.81–2.40)
9V	Before toddler dose	0.44 (0.33–0.60)	0.36 (0.28–0.46)	0.43 (0.30–0.60)
	1 month after toddler dose	1.88 (1.41–2.52)	2.23 (1.81–2.74)	2.99 (2.26–3.96)
	1 year after toddler dose	0.80 (0.40–1.59)	0.56 (0.42–0.75)	0.59 (0.37–0.93)
	2 years after toddler dose	0.63 (0.36–1.12)	0.83 (0.59–1.16)	0.68 (0.39–1.17)
14	Before toddler dose	2.04 (1.33–3.12)	1.83 (1.40–2.38)	2.48 (1.74–3.54)
	1 month after toddler dose	7.01 (5.15–9.54)	8.84 (6.58–11.90)	13.20 (9.65–18.05)
	1 year after toddler dose	1.62 (0.83–3.16)	1.38 (1.09–1.75)	1.37 (0.86–2.19)
	2 years after toddler dose	0.96 (0.47–1.96)	1.02 (0.71–1.48)	1.27 (0.59–2.76)
18C	Before toddler dose	0.34 (0.24–0.49)	0.30 (0.24–0.36)	0.35 (0.25–0.48)
	1 month after toddler dose	1.45 (1.05–2.00)	2.40 (1.95–2.96)	3.71 (2.77–4.97)
	1 year after toddler dose	0.32 (0.17–0.59)	0.31 (0.24–0.41)	0.39 (0.26–0.57)
	2 years after toddler dose	0.26 (0.16–0.44)	0.35 (0.23–0.52)	0.34 (0.18–0.65)
19F	Before toddler dose	0.67 (0.52–0.87)	0.58 (0.48–0.71)	0.96 (0.57–1.61)
	1 month after toddler dose	5.12 (3.91–6.72)	7.39 (5.62–9.71)	10.45 (8.20–13.32)
	1 year after toddler dose	0.86 (0.62–1.21)	0.89 (0.70–1.14)	1.27 (0.81–2.00)

		GMC^a (95% CI)^b		
		Gestational Age, wk		
		<29 n^c=16–21	29 to <32 n^c=33–45	32 to <37 n^c=16–21
	2 years after toddler dose	1.13 (0.50–2.53)	0.93 (0.68–1.28)	1.53 (0.83–2.81)
23F	Before toddler dose	0.24 (0.14–0.41)	0.21 (0.14–0.32)	0.31 (0.19–0.52)
	1 month after toddler dose	1.71 (1.12–2.62)	2.41 (1.80–3.21)	3.57 (2.54–5.02)
	1 year after toddler dose	0.53 (0.30–0.91)	0.54 (0.40–0.74)	0.79 (0.50–1.26)
	2 years after toddler dose	0.50 (0.27–0.90)	1.41 (0.95–2.09)	1.14 (0.60–2.15)
Additional PCV13 Serotypes				
1	Before toddler dose	0.42 (0.30–0.61)	0.39 (0.32–0.48)	0.37 (0.27–0.52)
	1 month after toddler dose	2.28 (1.74–2.99)	3.31 (2.62–4.18)	4.78 (3.61–6.34)
	1 year after toddler dose	0.45 (0.31–0.64)	0.38 (0.32–0.47)	0.39 (0.30–0.50)
	2 years after toddler dose	0.26 (0.18–0.39)	0.35 (0.26–0.47)	0.32 (0.23–0.44)
3	Before toddler dose	0.05 (0.02–0.09)	0.06 (0.04–0.08)	0.13 (0.07–0.24)
	1 month after toddler dose	0.31 (0.23–0.43)	0.51 (0.41–0.64)	0.88 (0.61–1.25)
	1 year after toddler dose	0.11 (0.05–0.23)	0.12 (0.09–0.17)	0.17 (0.10–0.29)
	2 years after toddler dose	0.14 (0.06–0.34)	0.19 (0.11–0.30)	0.20 (0.10–0.39)
5	Before toddler dose	0.81 (0.62–1.06)	0.71 (0.55–0.90)	0.75 (0.56–1.01)
	1 month after toddler dose	1.95 (1.54–2.47)	2.66 (2.14–3.30)	3.41 (2.69–4.32)
	1 year after toddler dose	1.05 (0.77–1.44)	1.24 (0.93–1.64)	0.87 (0.59–1.28)
	2 years after toddler dose	0.97 (0.62–1.50)	1.67 (1.25–2.25)	1.18 (0.67–2.11)
6A	Before toddler dose	0.55 (0.35–0.85)	0.49 (0.38–0.63)	0.66 (0.46–0.93)
	1 month after toddler dose	4.23 (3.22–5.56)	5.81 (4.68–7.22)	6.95 (5.18–9.33)
	1 year after toddler dose	1.07 (0.72–1.59)	1.05 (0.80–1.40)	1.17 (0.73–1.87)
	2 years after toddler dose	1.20 (0.63–2.30)	1.58 (1.10–2.26)	1.32 (0.87–1.99)
7F	Before toddler dose	0.91 (0.69–1.19)	0.64 (0.54–0.77)	0.71 (0.55–0.92)
	1 month after toddler dose	3.69 (2.84–4.80)	4.09 (3.41–4.89)	5.29 (4.11–6.80)
	1 year after toddler dose	0.81 (0.61–1.08)	0.65 (0.52–0.81)	0.65 (0.47–0.91)

		GMC^a (95% CI)^b		
		Gestational Age, wk		
		<29	29 to <32	32 to <37
		n^c=16–21	n^c=33–45	n^c=16–21
	2 years after toddler dose	0.46 (0.32–0.67)	0.68 (0.54–0.84)	0.61 (0.39–0.96)
19A	Before toddler dose	0.92 (0.66–1.30)	0.72 (0.57–0.91)	1.20 (0.76–1.89)
	1 month after toddler dose	3.96 (3.17–4.96)	5.28 (3.96–7.04)	8.63 (6.51–11.43)
	1 year after toddler dose	1.45 (0.95–2.21)	1.50 (1.05–2.14)	2.12 (0.90–5.01)
	2 years after toddler dose	1.64 (0.83–3.23)	2.46 (1.69–3.58)	3.04 (1.64–5.64)

^a Geometric mean concentrations (GMCs) were calculated using all subjects with available data for the specified blood draw.

^b Confidence intervals (CIs) are back transformations of a confidence interval based on the Student t distribution for the mean logarithm of the concentrations.

^c n = Number of subjects with a determinate IgG antibody concentration to the given serotype.