

PCV REDUCED-DOSE TRIALS

Are two doses of one of the most powerful pneumonia vaccines for children as effective as three? Below is a summary of the studies comparing the impact of three PCV doses with two PCV doses, along with studies looking at just one PCV dose and a fraction of one dose for children living in fragile settings.

Country	Vaccine	Schedules	Results
*United Kingdom	PCV13 (Pfizer)	2+1 (2, 4, 12mo) 1+1 (3, 12mo)	Trial Results (2018) Follow-on Studies (2023 , 2024)
*South Africa	PCV10 (GSK) PCV13 (Pfizer)	2+1 (6, 14wks, 9mo) 1+1 (6wks, 9mo) 1+1 (14wks, 9mo)	Trial Results (2020) Trial Results (2023)
*The Gambia	PCV13 (Pfizer)	3+0 (6, 10, 14wks) 1+1 (6wks, 9mo)	Trial Results (2022)
*India	PCV10 (GSK) PCV13 (Pfizer)	3+0 (6, 10, 14wks) 2+1 (6, 14 wks, 9mo) 1+1 (6wks, 9mo)	Trial Results (2023)
*Viet Nam (Ho Chi Minh City)	PCV10 (GSK) PCV13 (Pfizer)	3+1 (2, 3, 4, 9mo) 3+0 (2, 3, 4mo) 2+1 (2, 4, 9 mo) 1+1 (2, 6mo) 1+1 (2, 12mo) 0+2 (12, 18mo) 0+1 (18mo) 0+1 (12mo)	Trial Results (2021, 2023)
*Viet Nam (Nha Trang)	PCV10 (GSK)	3+0 (2, 4, 6mo) 2+1 (2, 4, 12mo) 1+1 (2, 12mo) 0+1 (12mo)	Trial Results (2024)
Single and fractional PCV dose trials			
Kenya	PCV10 (Serum Institute)	0+1 (all 1-9 yrs either a 1/5 fractional dose or a full dose)	Trial Results (2024) Follow-on Studies (2026)
Niger	PCV10 (Serum Institute)	0+1 (all 1-9 yrs either a 1/5 fractional dose or a full dose)	Trial Results (2025)
Somaliland	PCV10 (Serum Institute)	0+1 (all <5 years)	Modeling Results Related Studies (2026)

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This table was compiled by the Every Breath Counts Coalition with information shared by the Gates Foundation, a funder for six of the studies listed (). For more information, contact Leith Greenslade, leith@justactions.org*