

# Characteristics of different presentations of Pneumococcal Conjugate Vaccines

Vaccine	Synflorix® (PCV10)		Prevenar13® (PCV13)	
Presentation	2-dose vial	4-dose vial	1-dose vial	4-dose vial
Pharmaceutical form	Liquid	Liquid	Liquid	Liquid
Preservative	None	Yes (2PE)	None	Yes (2PE)
Manufacturer	GSK		Pfizer	
Serotypes covered	1, 4, 5, 6B, 7F, 9V, 14, 18C, 19F, 23F**		1, 3, 4, 5, 6A, 6B, 7F, 9V, 14, 18C, 19A, 19F, 23F	
WHO Prequalified	Yes	No, anticipated in late 2017	Yes	Yes
Primary packaging	3 mL vial	3 mL vial	3 mL vial	3 mL vial
Shelf life at 2-8°C	48 months	36 months	36 months	24 months
Cold chain volume per dose	4.8 cm <sup>3</sup>	2.4 cm <sup>3</sup>	12 cm <sup>3</sup>	3.6 cm <sup>3</sup>
Vaccine Vial Monitor	VVM 30	VVM 30	VVM 30	VVM 30
Handling of opened multi-dose vials	Opened vials may be kept only up to 6 hours	To be confirmed. Current assumption is opened vial may be kept up to 28 days given certain conditions are met. <sup>1</sup>	N/A	Opened vial may be kept up to 28 days given certain conditions are met. <sup>1</sup>
Wastage Rate	10%	To be confirmed. Current assumption is 10%	5%	10%
Storage Temperature	2°-8° C	2°-8° C	2°-8° C	2°-8° C
Future availability	To be discontinued after 4 dose presentation is PQ'd and registered locally	Yes	Yes	Yes

<sup>1</sup> WHO Policy Statement: Multi-dose Vial Policy (MDVP), 2014. [http://apps.who.int/iris/bitstream/10665/135972/1/WHO\\_IVB\\_14.07\\_eng.pdf](http://apps.who.int/iris/bitstream/10665/135972/1/WHO_IVB_14.07_eng.pdf)