

Supplementary Table S5: Process outcomes and adherence to protocol

	70%IPA-2%CHG (n = 87)	2%CHG aqueous (n = 27)
Number of anatomical sites with at least one failed PCVC insertion		
Median (IQR)	0 (0 to 1)	1 (0 to 2)
Range	(0 to 7)	(0 to 4)
1	18 (20.7)	6 (22.2)
2	10 (11.5)	6 (22.2)
3	1 (1.1)	0
4	1 (1.1)	2 (7.4)
Adherence to intervention		
Successful catheterisation (N)	79	27
Insertion done observing strict aseptic technique and in accordance with Working Document "Standardised guideline for catheter insertion utilising good catheter insertion and care practices", n (%)	79 (100.0)	27 (100.0)
Insertion site disinfected with the allocated study antiseptic prior to successful PCVC insertion, n (%)	79 (100.0)	27 (100.0)
Baseline skin condition is recorded to describe the PCVC insertion site appearance prior to successful PCVC insertion, n (%)	79 (100.0)	27 (100.0)
Allocated study antiseptic used to clean the skin before PCVC insertion applied sparingly and for 10 to 20 seconds, n (%)	79 (100.0)	27 (100.0)
Allocated study antiseptic allowed to dry for at least 30 seconds prior to the successful PCVC insertion, n (%)	79 (100.0)	27 (100.0)
Following skin disinfection preceding the successful PCVC insertion, no other solution was used to wipe off the antiseptic from the skin ¹ , n (%)	76 (96.2)	26 (96.3)
Exit site disinfected after first skin swab taken but before PCVC removal ² , n (%)	75 (96.2)	24 (92.3)
Missing	1	1

¹ Two infants in the 70%IPA/2%CHG arm and one in the 2%CHG arm who did have another solution had sterile water used.

² Three infants in the 70%IPA/2%CHG arm and one in the 2%CHG arm who didn't have their exit site disinfected at this time had their line removed at a non-participating site. For one infant in the 2%CHG arm who didn't, the allocated solution could not be located.