

**Table 2** Distribution of adverse events following immunization in the study population, children aged around 2, 4 and 6 months, according to round of pentavalent vaccination received, Zahedan, 2019

Adverse event following immunization	Round of pentavalent vaccine			Total (n = 1119) No. (%)	P-value
	1st (n = 373)	2nd (n = 373)	3rd (n = 373)		
	No. (%)	No. (%)	No. (%)		
<b>Fever (°C)</b>					
< 37.5	177 (47.45)	187 (50.13)	185 (49.60)	549 (49.06)	0.591
37.5 to 38.4	170 (45.58)	151 (40.48)	158 (42.36)	479 (42.81)	
≥ 38.5	26 (6.97)	35 (9.38)	30 (8.04)	91 (8.13)	
<b>Local injection site complications<sup>b</sup></b>					
None	215 (57.64)	211 (56.57)	210 (56.3)	636 (56.84)	0.740 <sup>a</sup>
Mild	154 (41.29)	156 (41.82)	154 (41.29)	464 (41.47)	
Severe	4 (1.07)	6 (1.61)	9 (2.41)	19 (1.70)	
<b>Diarrhoea</b>					
No	365 (97.86)	359 (96.25)	362 (97.05)	1086 (97.05)	0.453 <sup>a</sup>
Yes	8 (2.14)	14 (3.75)	11 (2.95)	33 (2.95)	
<b>Persistent crying</b>					
No	365 (97.86)	367 (98.39)	366 (98.12)	1098 (98.12)	0.961 <sup>a</sup>
Yes	8 (2.14)	6 (1.61)	7 (1.88)	21 (1.88)	
<b>Vomiting</b>					
No	366 (98.12)	368 (98.66)	364 (97.59)	1098 (98.12)	0.603 <sup>a</sup>
Yes	7 (1.88)	5 (1.34)	9 (2.41)	21 (1.88)	
<b>Hypotonic hyporesponsive episode<sup>c</sup></b>					
No	370 (99.20)	373 (100.00)	372 (99.73)	1115 (99.64)	0.332 <sup>a</sup>
Yes	3 (0.80)	0 (0.00)	1 (0.27)	4 (0.36)	

<sup>a</sup>P-value based on Fisher's exact test.

<sup>b</sup>For definitions look at the Methods section.

<sup>c</sup>Paleness, unresponsiveness, decreased muscles tone.