

**Table 2** Number of hypoxaemic cases detected by simultaneous pulse oximetry on 3 parts of the body in children and neonates versus arterial blood gas (ABG) analysis as the gold standard

Age group/ probe site	Comparison of pulse oximetry versus ABG				Total No.
	True positives	True negatives	False positives	False negatives	
	No.	No.	No.	No.	
<b>Children</b>					
Ear	8	96	2	4	110
Thumb	10	90	8	2	110
Big toe	10	88	10	2	110
<b>Neonates</b>					
Ear	4	80	0	6	90
Thumb	6	76	2	6	90
Big toe	2	74	8	6	90

*SpO<sub>2</sub> < 92% and SaO<sub>2</sub> < 90% were considered as indicators of hypoxaemia: true positive: both SpO<sub>2</sub> < 92% and SaO<sub>2</sub> < 90%; true negative: both SpO<sub>2</sub> ≥ 92% and SaO<sub>2</sub> ≥ 90%; false positive: SpO<sub>2</sub> < 92% but SaO<sub>2</sub> ≥ 90%; false negative: SpO<sub>2</sub> ≥ 92% but SaO<sub>2</sub> < 90%.*