

Table 3 Validity and clinical agreement of pulse oximetry readings on 3 parts of the body in children and neonates

Age group/ probe site	Sensitivity %	Specificity %	Positive predictive value %	Negative predictive value %	Clinical agreement (κ)
<i>Children</i>					
Ear	67	98	80	96	0.70
Thumb	83	92	56	98	0.62
Big toe	83	90	50	98	0.57
<i>Neonates</i>					
Ear	40	100	100	93	0.54
Thumb	50	97	75	93	0.55
Big toe	25	90	20	93	0.28