

The Tests

The following table indicates results for the first simulated waveform. Colors are defined as: reliable – green, not reliable – yellow, can't detect – red. Onyx-II and Medair Oxy rejected the first simulated waveform; no reliable data were obtained from them even at larger values of PI. Based on our clinical samples above, one would argue that the first waveform can be considered as adequate simulation of a low perfusion waveform; and should not be rejected by the Oximetry algorithm.

PI	NANO μ	EC4-Digit	Nonin Onyx-II	Choice MEDICAL	Medair Oxy	Choice MEDICAL	CMS-50L
0.09%	98/89	No reading	No reading	No reading	No reading	No reading	No reading
0.10%	97/89	One bar, no reading	Yellow LED pulsing, no reading	No reading	No reading	No reading	No reading
0.22%	97/88	One bar, no reading	Yellow LED pulsing, no reading	No reading	No reading	92..93/90	No reading
0.28%	97/88	Two bars, no readings	95/87	No reading	95/88	96/73, SpO2 unstable	95/89
0.33%	97/89	96/91	97/92	No reading	94/94, long time	92/90, SpO2 unstable	96/90, long pickup time
0.42%	97/90	97/90	Yellow LED pulsing, no reading	No reading	No reading	96/91, SpO2 unstable	96/86, SpO2 unstable
0.91%	97/89	97/90	No reading	94/91, SpO2 unstable	No reading	97/90, SpO2 unstable	97/90
1.44%	97/91	97/82	No reading	97/87	No reading	97/91	97/86

Résultats tests réalisés sur doigt artificiel janvier 2008.

Tout droits réservés Medlab gmbh. (Etude complete et protocole des tests réalisés disponibles sur demande)