

Mafraq Hospital Becomes First in United Arab Emirates to Deploy Masimo rainbow SET Pulse CO-Oximetry for State-of-the-Art Noninvasive Patient Monitoring

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IRVINE, Calif. and DUBAI, United Arab Emirates, Feb. 10, 2011 /PRNewswire/ -- [Mafraq Hospital](#) [1] and [Masimo](#) [2] (Nasdaq: [MASI](#) [3]) jointly announced the hospital-wide conversion of Mafraq Hospital to Masimo rainbow® SET Pulse CO-Oximetry™ technology for advanced noninvasive patient monitoring capabilities. The conversion makes Mafraq Hospital the first hospital in the UAE to feature Masimo's technologically and clinically-advanced oximetry and noninvasive patient monitoring solutions.

The Masimo rainbow SET Pulse CO-Oximetry technology platform allows hospitals to noninvasively measure and continuously monitor multiple blood constituents and physiological parameters that previously required invasive procedures—including: [total hemoglobin \(SpHb®\)](#) [4], oxygen content (SpOC™), [carboxyhemoglobin \(SpCO®\)](#) [5], [methemoglobin \(SpMet®\)](#) [6], [Pleth Variability Index \(PVI®\)](#) [7], and [acoustic respiration rate \(RRa™\)](#) [8], in addition to the 'gold-standard' [Measure-Through Motion and Low Perfusion performance of Masimo SET®](#) [9] oxyhemoglobin (SpO2), perfusion index (PI), and pulse rate (PR). The oximetry standard-of-care at leading hospitals worldwide, Masimo rainbow SET provides immediate real-time results that enable clinicians to more rapidly assess patients and detect and treat adverse, potentially life-threatening conditions earlier.

"Mafraq Hospital takes great pride in the skills and experience of its physicians and the fact that we have some of the wor
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Links:

[1] <http://www.mafraqhospital.ae/>

[2] <http://www.masimo.com/>

[3] <http://studio-5.financialcontent.com/prnews?Page=Quote&Ticker=MASI>

[4] <http://www.masimo.com/hemoglobin/>

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Published on Medical Design Technology (<http://www.mdtmag.com>)

[5] <http://www.masimo.com/spco/>

[6] <http://www.masimo.com/spmet/>

[7] <http://www.masimo.com/pvi/>

[8] <http://www.masimo.com/rra/index.htm>

[9] <http://www.masimo.com/whymasimo/difference.htm>

[10] <http://www.bio-medicine.org/medicine-technology-1/Mafraq-Hospital-Becomes-First-in-United-Arab-Emirates-to-Deploy-Masimo-rainbow-SET-Pulse-CO-Oximetry-for-State-of-the-Art-Noninvasive-Patient-Monitori-14565-1/>