

## India's Motherhood Hospitals, Standardizes on Masimo SET® Technology



Masimo has announced that Motherhood Hospitals, a maternal care specialist with five hospitals in three cities in India, has standardized on Masimo SET® (Signal Extraction Technology) pulse oximetry at all locations. Motherhood Hospitals will also be screening for Critical Congenital Heart Disease (CCHD) using Masimo's technology.

"We are happy to see the team at Motherhood Hospitals, which conducts research into how to improve the health and well-being of neonates in India, select our SET technology"

"We evaluated several technologies and found Masimo SET pulse oximetry to be the most reliable even in the most challenging conditions," said Dr. Mohammed Rehan Sayeed, Chairman, Motherhood Hospitals. "This entire standardization exercise was driven by the clinical staff."

Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry measures oxygen saturation (SpO<sub>2</sub>), pulse rate (PR), and perfusion index (PI), and helps clinicians monitor more than an estimated 100 million patients a year.<sup>1</sup> In a study of newborns, researchers found CCHD was identified by physical examination alone 63% of the time, and when Masimo SET® pulse oximetry was added to the physical exam screening, researchers found that clinicians were able to identify CCHD 83% of the time—a 31% increase<sup>2</sup>

"We are happy to see the team at Motherhood Hospitals, which conducts research into how to improve the health and well-being of neonates in India, select our SET technology," said Joe Kiani, Founder and CEO of Masimo. "We hope to work with Motherhood Hospitals to standardize universal screening for CCHD in newborns. We are seeing more and more hospitals in this region of the world realize the important role reliable pulse oximetry plays in patient care and safety."

Motherhood Hospitals, a premium birthing boutique, provides a variety of services to expecting women and newborns in India, specializing in obstetrics, gynecology, neonatology, pediatrics, fetal medicine, fertility, and cosmetology. At their combined locations in Bangalore, Chennai, and Hyderabad, they perform over 6,000 deliveries annually.

### References:

- 1 Masimo data on file.  
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- 2 BM, Sunnegårdh J, Verdicchio M, Ostman-Smith I. Impact of pulse oximetry screening on the detection of duct dependent congenital heart disease: a Swedish prospective screening study in 39,821 newborns. BMJ. 2009 Jan 8;338:a3037.

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