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ASIA EDITION

Cadi launches infant tagging solution

February 6, 2013 | News | By BioSpectrum Bureau

TMC is first-ever Singapore hospital to use Cadi infant tagging system



Singapore: Thomson Medical Center (TMC) in Singapore has installed Cadi SmartSense Infant Safety Solution (Gen II), a radio frequency identification (RFID) technology for baby tagging solution. Recently, India-based BioEnable Technologies developed a similar mother-baby tagging system to provide identification, monitoring, tracking and real time location detection of infants and pediatric patients in hospitals.

The tagging system involves fitting the mother and her baby with pre-matched tags and hypo-allergenic straps upon their arrival at the maternity ward. Additionally, manual tags are worn by both mother and baby in the labour ward moments after childbirth. The mother's tag is fitted to her wrist, while the baby's tag is fitted to his ankle. When the baby is brought to his mother, the mother tag will automatically verify if the baby is the correct one.Ã?Â

Dr Zenton Goh, CEO, Cadi Scientific, said that, "We developed our second generation of the Cadi SmartSense Infant Safety Solution in response to requests from hospital staff who had tried out other earlier solutions. This included the on-demand feature, having smaller and more comfortable tags, the user-friendly web-based dashboard and battery replaceable tags to save cost."Ã?Â

The baby's tag is tamper-proof and an alert will sound if unauthorised individuals attempt to remove it. The baby's tag also has a skin-detection feature, where an alert will sound should the tag become loose. This is important as newborns often lose weight during the first few days after birth.

Parents can also press a button on the mother's tag at any time, to check if the baby matches. This 'on-demand' feature helps alleviate parents' anxiety as they can verify if they have the right baby at any time. TMC is the first maternity hospital in Singapore with a tagging system that comes with such a feature.

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