

**\*\*PRESS RELEASE\*\***

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## **CareTaker Medical and OBS Medical partner to add Wireless CNIBP & Vital Signs to Predictive Patient Monitoring Platform**

CHARLOTTESVILLE, VA and OXFORDSHIRE, UK, April 2017 – Caretaker Medical, a pioneer in wireless health monitoring and OBS Medical, the global leader in artificial intelligence for proactive healthcare, today announced a partnership that integrates wireless patient monitoring data to advance the early detection of patient health deterioration with Visensia®– the Safety Index.

The CareTaker® wearable finger-cuff measures Continuous Beat-by-Beat Blood Pressure (“CNIBP”) and other patient vital signs which are wirelessly sent to the Visensia® platform where a predictive Safety Index (VSI) is calculated, representing a objective score of patient health. The real-time patient data collected by the CareTaker® is processed through the artificial intelligence of Visensia® and converted to a Safety Index displayed at the Nurse’s Station for clear ‘at a glance’ patient health and predictive deterioration.



Adding the wireless patient mobility and continuous beat-by-beat blood pressure measurements to the Visensia® patient monitoring platform allows clinicians to have an uninterrupted view of patient health throughout the full continuum of care. As patients move throughout the hospital a full and complete history of vital signs data is being analyzed by Visensia® for a comprehensive health record. Even after discharge, patients can be monitored from home, which has been shown to reduce hospital readmission rates.



“Clinicians know that continuous ‘beat-by-beat’ blood pressure and vital signs data are better than periodic “spot check” manual measurements for early identification of patient which is why critical care settings often use an invasive arterial catheters”, said Jeff Pompeo, Caretaker Medical’s President & CEO. “By wirelessly integrating data from CareTaker’s simple finger cuff into the Visensia® Platform, clinicians get the CNIBP accuracy of an invasive A-Line, plus the benefit of continuously streaming patient data and untethered patient mobility on a predictive monitoring station. “

“Visensia®’s predictive Safety Index algorithm depends on high quality, continuous patient data collection, and I’m pleased to partner with Caretaker Medical to offer customers a fully integrated solution offering proven patient safety and health economic benefits”, said John Morrish, OBS Medical’s Sales and Marketing Director.

The CareTaker wearable monitor and the Visensia® Monitoring Platform are both FDA approved and available for sale.

### About CareTaker Medical

CareTaker Medical is a Charlottesville, Virginia based wireless medical device firm focused on developing affordable, innovative, wireless patient monitoring solutions that improve outcomes, increase clinician productivity, and maximize patient compliance without compromising patient comfort.

The wearable CareTaker4™ monitor enables uninterrupted wire-free and electrode-free real-time vital signs monitoring throughout the full continuum of care, from clinic and hospital, to patient transport, and home monitoring after discharge. Using only a comfortable, low-pressure finger cuff, CareTaker's patented Pulse Decomposition Analysis technology non-invasively measures continuous Beat-by-Beat blood pressure as accurately as an invasive arterial catheter, and measures Heart Rate as accurately as a 3-lead ECG for remote display on the CareTaker® Tablet App, Secure Web Portal or other wireless devices. The CareTaker cNIBP technology delivers "ICU Quality" continuous measurements without intrusive catheters or cumbersome wires, giving clinicians the ability to recognize developing cardiopulmonary trends earlier with more lead time for intervention while providing a much more comprehensive view of a patient's hemodynamic status.

More information is available at [www.CareTakerMedical.net](http://www.CareTakerMedical.net)

### About OBS Medical

OBS Medical is the global leader in the development of predictive algorithms for identifying critical instabilities in acute settings and emerging alternative treatment locations. We believe that, with the right technology and processes designed for both traditional and emerging locations, potential adverse events can be predicted and prevented.

Visensia analyses and interprets the combined patterns of up to five vital signs collected from existing bedside monitors and ambulatory devices or manually during routine observations to generate a single early-warning index; The Safety Index™.

More information is available at [www.obsmedical.com](http://www.obsmedical.com)