

Oxygen Saturation

Temperature

Heart Rate

Blood Pressure

Respiration Rate

“ Using Visensia was associated with a decreased duration of instability and decreased incidence of serious instability. Finally, Visensia also increased the likelihood that the MET team would be called for serious instability ”

Michael R Pinsky, MD
University of Pittsburgh
PA, USA

VISENSIA®

Data-Fusion Software for
Early-Detection Patient Monitoring



Less Alarm Fatigue

Quicker Response to
Patient Deterioration

Improved Efficiency

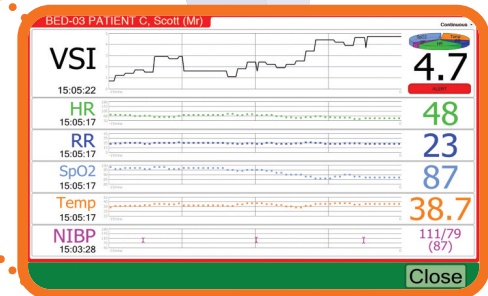
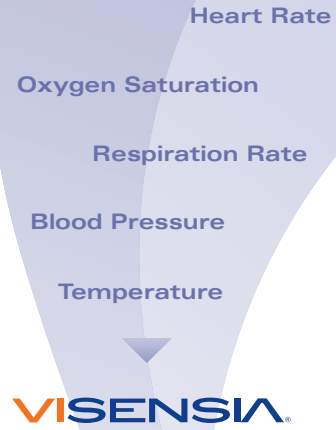
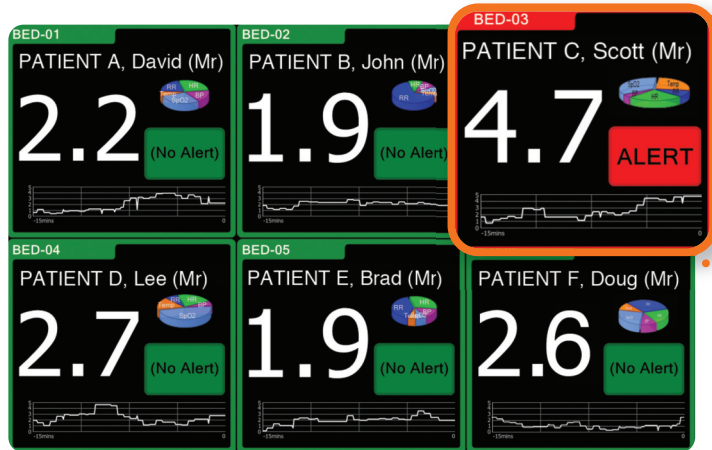
Reduction in
Unexpected Deaths

OBS

Medical

Visensia is the only FDA-cleared index for multiple physiological parameter assessment

VISENSIA



Quicker Response to Patient Deterioration

- Average 6.3 hours advance warning of critical instability¹
- Average 9.4 minutes earlier warning than single-channel alarms²
- 60% reduction in serious instability²

Reduction in Unexpected Deaths

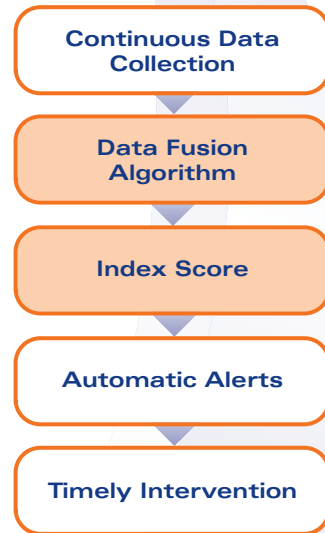
- No unexpected deaths during eight weeks of Visensia monitoring, compared to 6 unexpected deaths in the eight prior weeks²
- In 24 months of Visensia monitoring, no patient had an unexpected fatal cardiac event³

Less Alarm Fatigue

- 79.3% Sensitivity; 80.5% Specificity⁴
- Only 1.6 false alerts per 100 hours of monitoring⁵

Improved Efficiency

- More efficient MET activations
- Improved communication and workflow
- Opportunity to reduce insurance premiums through reduced risk profiles



References:

1. Hravnak et al. Arch Intern Med 2008 Vol 168 (12) 1300-8. Defining the Incidence of Cardiorespiratory Instability in Patients in Step-down Units Using an Electronic Integrated Monitoring System.
2. Hravnak et al. Crit Care Med 2011 Vol 39 (1) 65-72. Cardiorespiratory instability before and after implementing an integrated monitoring system.
3. Michael R Pinsky MD. Communication on file, OBS Medical Ltd.
4. Woods et al (submitted for publication). Predictive Value of an Automated Neural-Network-Based Early-Warning System for Detecting Early Signs of Physiological Deterioration in Hospitalized Patients.
5. Tarassenko et al, 31st Annual International Conference of the IEEE EMBS, Minneapolis, Minnesota, USA, September 2-6, 2009. Book of abstracts 4650-3.

If you would like to know more about piloting a Visensia system in your hospital, please contact us: info@obsmedical.com
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