

Sensium[®]

WIRELESS MONITORING PATCH DETECT DETERIORATION EARLY

Prioritise your time with the patients who need it

Receive notifications of deterioration and calculate Early Warning Scores

Reassurance that your patient is continuously monitored

Up to 240 individual vital sign measurements in an 8 hour period

Detect deterioration earlier to save lives

Shown to lead to treatment of sepsis 6 hours quicker¹



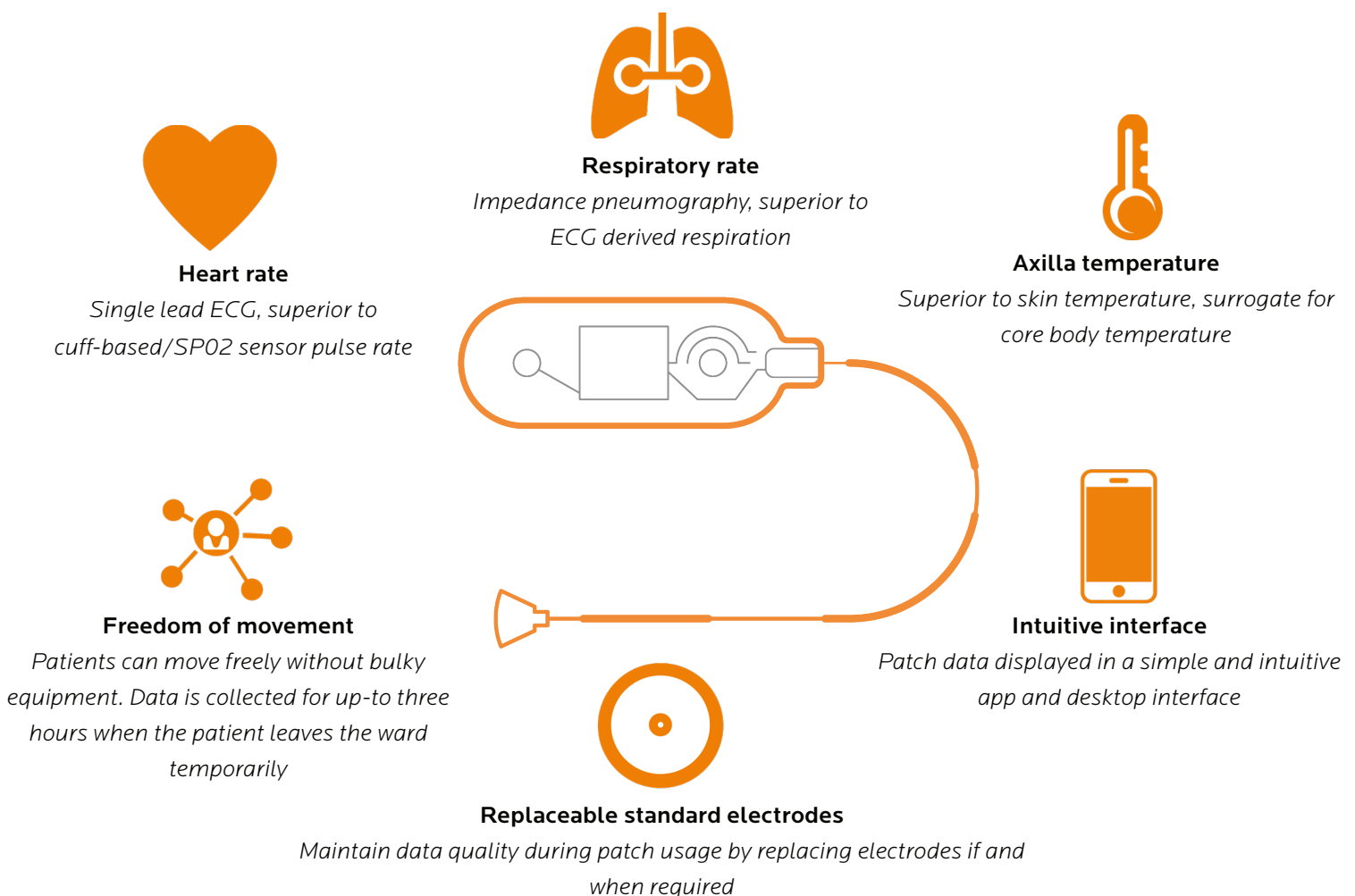
SENSIUM
part of The Surgical Company



Clinical early warning system

Sensium® is a discreet, wearable, wireless system to support healthcare staff to monitor patient vital signs outside of high acuity areas. The disposable **Sensium®** patch accurately and reliably monitors and reports **heart rate**, **respiration rate** and **axillary temperature**, the **leading indicators of deterioration**, providing data every two minutes. Patient vital history screens provide a valuable clinical context to support you to identify the earliest possible changes in patient condition. The **Sensium** system allows you to **prioritise** your time where it is most needed.

Peer reviewed published literature⁵ has shown that patients find the **Sensium®** patch **comfortable** and perceive an **enhanced sense of safety** when wearing it.



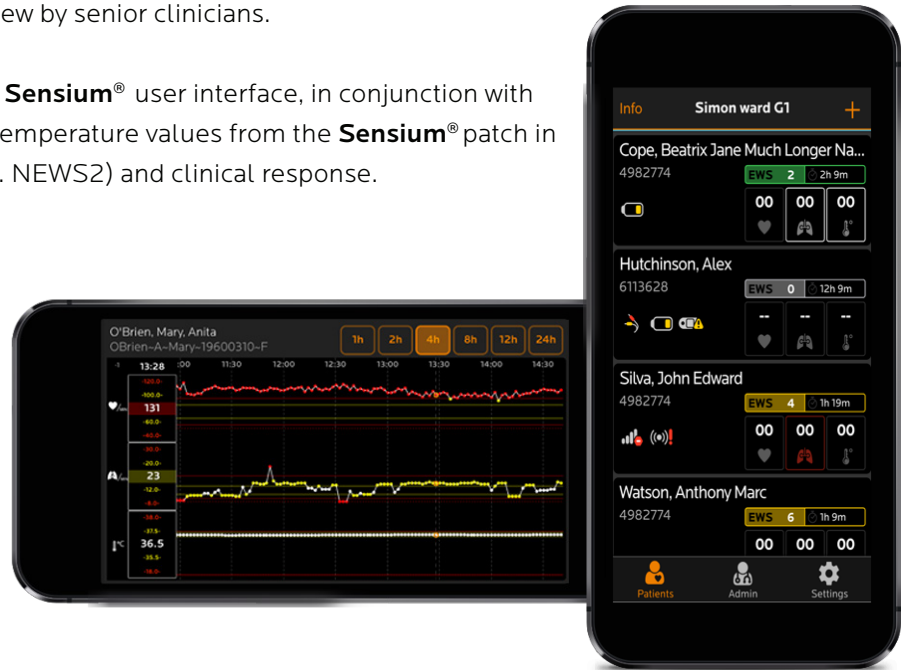
“The patches help staff focus their efforts on the patients who needed the most support, It prioritises you. Nothing will ever replace complete clinical observation and the assessment of the patients. What this does is alert you sooner, so you can fulfil those observations and assessments of the patient and activate the appropriate care and treatment for them.”

Sensium user, Matron

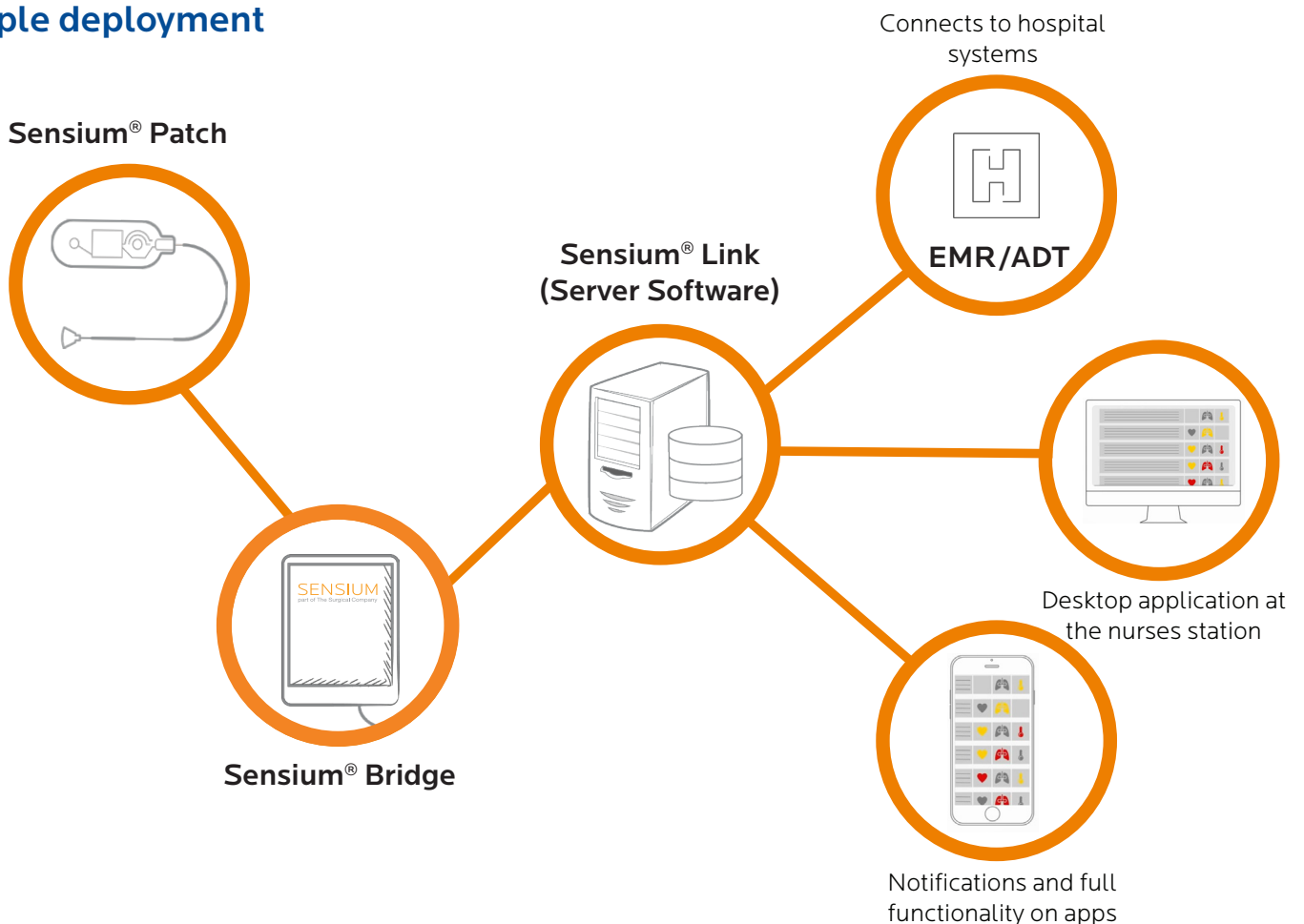
Patient data when and where you need it

Notifications of patient deterioration, patient vital history and current vital signs can be viewed at nursing stations or on the move using the **Sensium®** mobile app†. If required, patients can be manually or automatically escalated for review by senior clinicians.

Additional patient data can be entered into the **Sensium®** user interface, in conjunction with pre-populated heart rate, respiratory rate and temperature values from the **Sensium®** patch in order to calculate an **Early Warning Score** (e.g. NEWS2) and clinical response.



Simple deployment



**SEPSIS CLAIMS MORE LIVES THAN LUNG CANCER,
AND MORE THAN BOWEL, BREAST AND PROSTATE CANCER COMBINED³**

10,000

PEOPLE DIED LAST YEAR FROM⁴

HOSPITAL-ACQUIRED

SEPSIS

THE SAME AS

24



**JUMBO JETS
DROPPING OUT OF THE SKY**

DETECTING SEPSIS AS EARLY AS POSSIBLE
MAKES MANY OF THESE DEATHS

PREVENTABLE

[find out more at hospitalacquiredsepsis.com](http://hospitalacquiredsepsis.com)

To find out more visit hospitalacquiredsepsis.co.uk

Treat SEPSIS quicker

Early detection of sepsis is critical. Research¹ has shown that patients presenting evidence of sepsis and receiving continuous monitoring with the **Sensium®** Patch were administered antibiotics on average **six hours** faster than the standard of care.

“SENSIUM®’s recent trial has demonstrated the potential of such early warning systems, with patients in the Sensium® group being treated on average 6 hours quicker in the presence of sepsis. Anything that can be done to more quickly identify and treat sepsis has to be a good thing and will lead to lives saved.”

Dr Ron Daniels, BEM

CEO of the UK Sepsis Trust and Global Sepsis Alliance
Clinical advisory to the World Health Organization

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1. C. Downey, R. Randell, J. Brown, D. Jayne; Continuous Versus Intermittent Vital Signs Monitoring Using a Wearable, Wireless Patch in Patients Admitted to Surgical Wards: Pilot Cluster Randomized Controlled Trial. Journal of Medical Internet Research. Journal of Medical Internet Research; December 2018
2. Bradshaw CJ, Venn RM, Spencer R; Cardiovascular effects of dexmedetomidine for ITU sedation UK results of a multi-centre study. Critical Care 1999, 3: P233.
3. United Kingdom Sepsis Trust. The sepsis manual. Birmingham: United Kingdom Sepsis Trust; 2018.
4. Leisman, D. Et al (2019). Sepsis presenting in hospitals versus emergency departments: demographic, resuscitation, and outcome patterns in a multicentre retrospective cohort. Journal of Hospital Medicine.
5. C.L. Downey, J.M. Brown, D.G. Jayne, R. Randell; Patient attitudes towards remote continuous vital signs monitoring on general surgery wards: An interview study; International Journal of Medical Informatics; 2018 114:52-56
† Android® demo app available, full app available soon.