**Isansys Lifecare Granted Key US Patent for Its Innovative**

**Patient Monitoring Platform**

Isansys Lifecare, a digital healthcare company and developer of an innovative patient monitoring platform that enables the early detection of deterioration in patients, today announces that a key method patent has been granted by the US Patent Office. The patent relates to the wireless wearable sensor technology incorporated in the Patient Status Engine (PSE), a new kind of medical device that integrates sensors, connectivity and predictive analytics into an end-to-end, complete, and easy to use system.

This patent broadly protects the construction and methods used by Isansys to recycle its Lifetouch and Lifetemp wireless body-worn sensors which, as part of the Patient Status Engine, are used by clinicians and nurses to automatically collect and analyse their patients’ vital signs in real-time. The recycling method, already fully qualified and included in the CE and FDA regulatory certifications, involves off-site environmentally compliant disposal of certain parts followed by reprocessing and re-use of the most expensive components.

Keith Errey, CEO of Isansys, said: “The granting of this patent is critically important and further strengthens our patient monitoring platform as it covers a key method for reducing the costs of the devices, making them universally affordable. Other large scale in-patient wireless monitoring projects have failed because the technology has been too expensive. With this patent we can now realize our ambition of building new and comprehensive physiological data sets through the provision of accurate, wireless wearable sensor monitoring for patients in all countries and in all healthcare facilities, including hospital-at-home applications. Most importantly however, we are protecting the environment and reducing costs for patients and providers.”

Since there is a growing, and in some countries, mandated, requirement for hospitals to reduce the amount of medical waste, the granting of this patent further reinforces Isansys position as the market-leader in new generation wireless patient monitoring technology, and patient digitisation and analysis systems.

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**NOTES TO EDITORS:**

**About Isansys Lifecare Ltd**

Isansys is a best in class digital healthcare company with an innovative patient monitoring platform, streamlining patient observations and enabling the early detection of deterioration in patients. With adequate warning of adverse events, clinicians can intervene more quickly and confidently, and patient outcomes can be improved. The Patient Status Engine (PSE), Isansys’ proprietary technology platform, is a complete end-to-end, fully certified Class IIa CE-marked and class II 510(k) cleared medical device which uses wireless body-worn sensors to automatically collect and analyse vital signs continuously and in real-time using proprietary algorithms. This data is then streamed via a patient gateway network and delivered to the nurses’ station or remotely to clinicians.

Clinical teams globally are using the data collected and analysed by the PSE to gain insights into the future health status of their patients, which is achieved through data-driven methods such as predictive algorithms, the automatic calculation of Early Warning Scores, and new physiologically based biomarkers. These enable clinicians and nurses to improve patient outcomes and reduce the costs of hospital stays and facilitate proactive care. The wireless nature of the PSE also means patients can be monitored in hospitals, in the community or at home.

Isansys a privately held company based in Abingdon, Oxfordshire, England. For more information about Isansys, please visit [www.isansys.com](http://www.isansys.com)

**Press Contacts:**

Georgina Horton, PR and Marketing Executive

Tel: 01235 436225

Mob: 07852 181898

Email: georgina.horton@isansys.com