

Patient information

RIMPulse

Cardiology Department

Liverpool University Hospital NHS Foundation Trust (LUHFT) is working in conjunction with multiple innovative organisations to continually improve the service and care offered to our patients; this enables us to embrace new products and new technology.

One such product the Trust is evaluating at present is a wireless ECG and vital signs monitoring solution called RIMPulse. This revolutionary solution is capable of monitoring your ECG, heart rate, blood pressure, and oxygen saturation (SpO2) levels from any location using WiFi and Bluetooth technology.

The solution uses artificial intelligence to monitor your readings, and alerts our clinical teams when there has been a change in your condition. Clinicians will be able to remotely monitor your readings and alerts on PC's, laptops, and mobile devices. This may enable our clinicians to identify and treat your condition earlier than previously possible.



The main benefits between RIMPulse and the solutions currently in the hospital:

Benefit	Value
24 hours a day, seven days a week monitoring.	Providing you with peace of mind that your condition is being monitored continuously, even during sleep.
Ability to manually record a time when you feel unwell, dizzy, or faint by the press of a button.	Alerts our clinical team in real time for a rapid response when required; providing the ability to identify the reasons why you feel unwell.
Alerts clinical teams as soon as events occur, leads are unplugged, or batteries are low.	Enables a quick response and provides confidence that the solution is working as intended.
Ability to monitor falls.	Provide rapid response and support in the case of falls.

The devices are being piloted in wards 3X, 3Y and the Heart Emergency Care (HEC) unit in the Royal Liverpool Hospital for six months on patients who would not otherwise have any form of monitoring.

Currently however, as this is a project designed to prove the system works as expected, there is no direct benefit to you and your care beyond what you would usually receive as part of your normal treatment. Upon your discharge you can provide feedback on your experience with the devices via a short questionnaire. Your feedback could help to shape future development of the solution and our methods of care — potentially including monitoring from your home.

We would greatly appreciate your consent to further evaluate these devices and provide us with your feedback as to their value in your current and future treatment requirements. Please note that participation in this trial is entirely optional and you can withdraw consent at any time for any reason.

You will be asked if you would like to take part in this trial; if you agree your consent will be added to your patient record. None of your personal information will be shared with any third parties.

Please note that setup of the RIMPulse system will involve the application of 5 ECG electrodes to your torso. This process may require the removal of chest hair to ensure the effectiveness of the ECG readings. After your course is complete the electrodes can be simply peeled off like a plaster.

Feedback

Your feedback is important to us and helps us influence care in the future.

Following your discharge from hospital or attendance at your outpatient appointment you will receive a text asking if you would recommend our service to others. Please take the time to text back, you will not be charged for the text and can opt out at any point. Your co-operation is greatly appreciated.

Authors: Trust wide Information

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All Trust approved information is available on request in alternative formats, including other languages, easy read, large print, audio, Braille, moon and electronically.

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در صورت تمایل می‌توانید کلیه اطلاعات تصویب شده توسط اتحادیه در رابطه با بیماران را به اشکال مختلف در دسترس داشته باشید، از جمله به زبانهای دیگر، به زبان ساده، چاپ درشت، صوت، خط مخصوص کوران، مون و بصورت روی خطی موجود است.

زانیاری پیوندیدار یهو نهخوشتمی له لایمن تراستموه پمسنند کراون، ننگم داوا بکریت له فور ماتمکاتی تردا بریتی له زمانمکاتی تر، نیزی رید (هاسان خویندنهوه)، چاپی گموره، شریتی دهنگ، هیللی موون و نعلیکترونیکی همیه.

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