

Reference Number: FOI202324/445
From: Commercial
Date: 05 January 2024
Subject: Ambulatory electrocardiogram (EKG or ECG) recording

- Q1 Does the Trust use ambulatory electrocardiogram (EKG or ECG) Holter monitors? (Yes or No)
- 1(i) If "Yes" then which make and models are currently in use and how many of each are currently deployed?
- 1(ii) If "No" then does the Trust intend to implement ambulatory electrocardiogram (EKG or ECG) Holter monitoring in the near future? (Yes or No)
- A1 Yes, Spacelabs and ZIO – There are currently 30 spacelabs CF lifecards. Zio are ordered on an ad hoc basis.
- Q2 Does the Trust use software to read EDF reports? If ""Yes"" then which vendor(s) are used?
- A2 Information not held - we do not use EDF reports.
- Q3 Does the Trust use an external ECG Interpretation Provider. If ""Yes"" then which vendor(s) are used?
- A3 iRhythm for Zio patches uses Zeus interpretation/Cardiac Physiologists.
- Q4 How many ambulatory electrocardiogram ECG readings does the Trust perform each year?
- A4 24 Hour ECG – Information not held – the Trust does not routinely collate or hold this information centrally as part of its management or performance data.
- 14 day ECG - In 2023 the Trust registered 2,157 ZIO devices, with 1,758 reports returned via iRhythm.
- Q5 What is the split of the ambulatory ECG reading volumes in question 5, by length of recording? (e.g. 24hr, 48h, 72h, 7-day, 14-day)
- A5 Information not held, we do not routinely record this information, however the approximate figures are:
24 hr approx. 45%
14 day approx. 50%;
2–7day duration – approx. 5% spread between ZIO and 48hr Holter.
- Q6 In what environment are the ambulatory ECG holters fitted? (e.g. secondary care, community diagnostic centre [CDC], primary care)

- A6 24hr Holter fitted at LHCH, ZIO fitted at patients home by the patient.
- Q7 What is your preferred buying method for these devices? (e.g. Direct, Supply Chain, Other)
- A7 NHS Supply Chain
- Q8 How much did the Trust pay for its currently deployed ECG Holter devices and software (per device), and what costs are associated with maintenance, such as battery replacement, servicing etc?
- A8 Information exempt under Section 43 - Due to the potential damage to commercial interests of the current suppliers as release of this information and any other unique pricing likely to be requested for disclosure would allow other competitors a significant competitive advantage and thus harm the commercial interests of our current suppliers.
- The total cost paid by the Trust in 2023 was £88,783.67.
- Q9 Does the Trust have service contracts for the currently deployed ambulatory ECG devices. If so, how much is this per annum for the different brand of devices by vendor(s)?
- A9 Yes. The total cost paid by the Trust in 2023 was £8822.40
- Q10 How many ambulatory ECG monitors did the Trust purchase in 2020, 2021, 2022 and 2023 per make and model of Holter monitor?
- A10 The trust purchased 30 CF Lifecards from Spacelabs in 2022. No devices were purchased in 2020, 2021 and 2023.
- Q11 What is the Trust's wait time for ambulatory ECG Holter Fittings and ECG reporting?
- A11 Wait time for ZIO is usually within 72 hours, 24-hour tape is currently 3-4 weeks.
- Q12 Is the Trust meeting their targets for ambulatory ECG recording volumes and patient waiting times? (Yes or No)
- A12 Yes.
- Q13 What are the Trusts biggest challenges for cardiology ECG ambulatory recordings?
- A13 Ensuring that the appropriate device is selected on the referral for the frequency of the patient's symptoms.
- Q14 Is the Trust considering purchasing any new ambulatory ECG Holter monitors? For replacement of old devices, broken devices, or needing more equipment?
- A14 No.
- Q15 Who is the Trust's senior electrophysiologist or cardiology manager and what are their contact details? (Name, position, email, telephone)
- A15 Janet Beukers - Cardiac Diagnostics Manager. Janet.beukers@lhch.nhs.uk

