**FOI Ref: 6623**

**Category(ies): Clinical – Service Activity**

**Subject: Management of Implantable Cardiac Devices**

**Date Received: 22/09/2022**

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| **Your request:** | **Our response:** |
| Please accept this email as request for information. This information will allow us to better understand how cardiac device services and their management is structured across the UK, and how we can assist with the burden of device management.  The following questions relate to the management of Implantable Cardiac Devices, and the data that these devices can produce. These devices can be classified into the following groups:   * Pacemakers (PPM) * Implantable Cardioverter Defibrillators (ICD’s) * Cardiac Resynchronisation Devices (CRT-D’s or CRT-P) * Implantable Loop Recorders (ILR’s) | |
| 1. How many Cardiac Device implant procedures did your trust perform over the last 12 months (Aug 21-Aug22) | Pacemakers - 154  ICD’s - 32  CRT devices – 59  Box changes (inc: PPM, ICD and CRT) - 85  ILR’s – 44  Total – 374 |
| 1. How many Remote Cardiac Device Monitoring system due you use across the trust | Abbott – 728  Boston Scientific – 540  Medtronic – 257  Biotronik – 163  Total – 1688 |
| 1. How many Remote Cardiac device follow-ups were performed in your trust over the last 12 months (Aug21-Aug22) | Pacemakers - 450  ICD and CRT devices – 1097  ILR’s – 452  Total – 1999 |
| 1. Do you perform In-office clinics at multiple locations? | No |
| 1. How many In-office Cardiac Device follow-up clinics do you perform per week across all trust sites | Pacemakers - 4  Complex clinics (ICD & CRT) - 4  ILR’s – 0  Total – 8 |
| 1. How long are your appointment slots for In-Office cardiac device follow-up (mins) | 30 minutes |
| 1. How do you currently record and report Implantable Cardiac Device Follow-Up information? | Written pacing files. Paper print outs from programmer stored in the pacing file. Manual entry onto Tomcat (CVIS). Report created as word document from tomcat and sent to GP and electronic medical record – currently a manual process. |
| 1. Do you have an Electronic Database system for storing Cardiac Device data? | Yes |
| 1. If yes to Q8, is the system currently in use, specifically designed for use with Cardiac Implantable Devices | No, replace system currently under review |
| 1. How many Physiologists do you have actively involved in Cardiac Device Follow-up? | 11 |
| 1. If you do not currently use an Electronic Cardiac Devices Database system is this something that the trust would be interested in purchasing in the future | Possibly – if we can link with other the regional clinics, more specifically Sheffield. They use Pacenet so we will only be interested in using Pacenet at present.  If we cannot link with Sheffield, we will not be interested in purchasing another electronic cardiac devices database at present as Tomcat is satisfactory. |