

**Describe your idea,**

your ‘lightbulb moment’...

**As cardiac physiologists we are aware of the benefit of**

**home monitoring for implanted cardiac devices, we already**

**Use it for some of our patients. Covid has changed this plan,**

**now all implanted cardiac devices are given home monitoring, this comes at a cost of under £500 per unit per patient.**

**Home monitoring systems automatically record and flag up and adverse events or warning. A patient is able to make manual downloads if they are feeling unwell, preventing multiple clinic appointments. All of the information gained can be reviewed and analysed. Medication changes can be made on this basis without the patient having to enter the hospital.**

**It provides reassurance of frequent monitoring and**

**expert attention whenever needed.**

Describe the

**results** of your changes...

 the benefits to the patient, the service/team

 **There are many positive benefits to the patients.**

 **They have their cardiac device monitored on a**

**day to day basis via the home monitor. It will**

**send though any device, lead or rhythm**

**concerns.**

**We will be able to note these issues much sooner.**

**If a patient were to have a cardiac arrhythmia**

**the physiologists would know about it within**

**days of it occurring. This can prevent other issues**

 **like TIAs and CVAs, thus preventing hospital**

**admissions.**

**If there is a device or lead issue, physiologists will be aware of it and be able to act quickly preventing**

**patient concerns and illness.**

Is there anything else to improve or something you couldn’t get done this time? *(Your next lightbulb moment)*

**We will be aiming to backdate this to previous implanted devices, there is a larger cost to this service.**

Next time...what would you do **differently** or what **advice** would you give to others?

**To aim for this service to continue and expand.**

**Start date** 16/06/2020  **Finish date:** Hopefully it continues to grow

Describe what you **enjoyed** and

what **surprised** you...

**That management can see the positive benefits to patients.**

**Allowing patients to know they are being monitored much more frequently than before.**

*Plan SMART: Specific, Measurable, Achievable Realistic, Timescale*

**Who** was on your dream team and which department/ ward/area are you from?

**The Cardiac Rhythm management team, Dr Jackson, Dr Claridge, with Cardiac Physiologists Amy Walker-Weston, Becky Penny, Shannon Hogan and Tracy Couper**

In responding to COVID-19 what did you need to change and why?

**Many device patients are high risk with multiple comorbidities. We needed to find a way of preventing multiple hospital trips.**

Who did you need **help** from? (managers/ other depts.)

**Financial agreement from Christine Blanshard and support from Lisa Clarke. Regino Morales from procurement in assisting with stock.**

**How** long did it take? (It might be hours/ days/ months)

**The practice was already available for some patients. A completed SOP enabled it to be all patients, it was implemented immediately.**

*The five W’s, who, what, when, where, why*

***Extra details on this side if you need more space...***

***What next?***

**Keep** a copy for your personal annual appraisal

**Give** a copy to your manager for your department’s collection of lightbulb moments

**Send** a copy to the PMO (Project Management Office)