

SURE – Equipment Provided during 2018

During 2018 SURE committed funding of **£494,162** to providing additional items of equipment to the Radiotherapy Department at the Beacon Centre along with other items of equipment to the wider departments at Musgrove Park Hospital to further improve patient diagnosis, treatment and outcomes. With the rolling replacement of the three Radiotherapy Treatment machines (Linear Accelerators) at the Beacon Centre due to start in 2019 it was agreed that there would be few new projects for SURE funding in 2018 as it was anticipated SURE funding will be required in 2019-20 to ensure the new Radiotherapy machines will be able to give maximum benefit to patients as soon as each one is commissioned. This led to an unusual year in SURE funding, with two major spends, funding the replacement CT Scanner and SURE's donation towards the new MRI Scanner, along with a small number of low cost projects.

1. **Large Bore CT Scanner/Simulator Replacement** - The replacement of the SURE funded CT Scanner/Simulator in the Beacon Centre was completed in June 2018, at a final cost to SURE (including maintenance for year2 and year3) of **£566,605** (£550,000 was held ring-fenced in the SURE accounts for this project since mid-2016). The first invoice for the purchase of the CT was funded by SURE in 2018 at a cost of **£374,789**. Further funding of **£75,866** for the Turnkey room works for the installation is expected to be paid in 2019. This will leave **£115,950** ring-fenced for future payments: **£57,975** for year 2 maintenance to be paid in 2019 and **£57,975** for year 3 maintenance to be paid in 2020.
2. **MRI Appeal** - SURE pledged the first £100,000 to support the Musgrove Park Hospital MRI Million appeal for the purchase of a new MRI scanner at Musgrove Park Hospital (at an estimated cost of £1M), this was ring-fenced until payment in 2018. A number of SURE fundraisers also ran events during 2017/18 to raise donations for the MRI Appeal, these were added to the £100,000 and SURE then made a donation to the MRI Appeal of **£110,000**.
3. **Dragon Medical Voice Recognition** In 2017 SURE funded the purchase of specialist medical Voice Recognition software and associated hardware for the Histopathology Department, to speed up and improve accuracy of their reports. In 2018 SURE funded final invoices to complete the project a cost to SURE of **£1,459.80**.
4. **Valley cushions** The Valley-SV cushion is designed to relieve pressure from the “mid-line” areas around the perineum, and is very effective for patients both during and post radiotherapy where the discomfort can cause difficulties for patients when travelling to hospital, sitting in waiting rooms and getting comfortable at home. It uses a combination of foam and air to provide a comfortable seating platform on either side of the central pressure relieving channel. Compared to a traditional 'ring' cushion it does not compromise blood circulation or lymphatic drainage. SURE funded the purchase of 10 new valley cushions at a cost to SURE of **£1,169.60**
5. **Paperless Radiotherapy Project** SURE supported the move to paperless working in the Beacon Centre Radiotherapy Department. This project aimed to remove the use of any paper documents in the delivery of radiotherapy treatment, leading to further improvements in patient safety and experience. SURE funded the provision of in-bunker screens, process automation using IQ scripts to augment the MOSIAQ system patient workflows, making existing MOSIAQ functionality mobile, avoiding patient notes and information having to be collated and printed by using securely networked tablet-based MOSIAQ functionality. In 2016 SURE funded £21,381.42 for this project, additional funding was approved to complete the project in 2018 at a cost to SURE of **£2,424.80**
6. **Liteform Trial** This trial is looking at the use of Low Level Laser Therapy (LLLT) to treat

Head & Neck radiotherapy patients who could be suffering from oral mucositis. SURE has approved funding for the purchase of a Thor Photomedicine Ltd LX2 Laser Control Unit, dental probe, Placebo Function adaptor box for the dental probe and associated equipment required to enable the Beacon Centre to participate in the trial during 2018 at a cost to SURE of **£4,150**.

7. **Music System** – SURE approved funding for a replacement music system to be provided in one of the Radiotherapy treatment rooms, to allow patients to listen to their own choice of music during their treatment, at a cost to SURE of **£168.84**

A look ahead at 2019

SURE is committed to ensuring cancer services at Musgrove Park Hospital, and the Beacon Centre in particular, continues to offer high quality cancer care to internationally recognised standards, as SURE continues to provide equipment and support not otherwise available within the NHS budget that is assessed to be of real benefit to patients. SURE is committed to supporting the introduction of new and improved cancer diagnosis and treatments, enabling the Beacon Centre and wider Oncology departments at Musgrove Park Hospital to participate in national cancer treatment trials, leading to more patients being able to be treated locally at the Beacon Centre.

Planning is underway for the replacement of the three Linear Accelerators used to deliver Radiotherapy treatment at the Beacon Centre beginning with the first machine being decommissioned in early 2019.. SURE is looking at funding those elements of the replacement not covered by the PFI replacement programme or NHS England funding.

This includes funding provision of the Mosaiq Data Director and other computer system upgrades in 2019 and funding the purchase of patient immobilisation device updates for each new Linac.

1. SURE has approved funding of **Mosaiq Data Director**, to support the replacement of the Linac Radiotherapy treatment machines, at a cost to SURE of **£100,085**.
2. Replacement of **Patient Immobilisation Devices**, to support the replacement of the Linac Radiotherapy treatment machines, at a cost to SURE of **£39,501**.
3. Provision of **Ceiling Light Panels** in each Radiotherapy treatment room, to support the replacement of the Linac Radiotherapy treatment machines, at a cost to SURE of **£25,599**.
4. Provision of **In-Bunker Screens** in each Radiotherapy treatment room, to support the replacement of the Linac Radiotherapy treatment machines, estimated cost to SURE of **£1,800**.

Other potential projects in 2019 include:

1. Funding of **Art for life / Ambient Lighting solutions** for each of the radiotherapy treatment rooms, to support the replacement of the Linac Radiotherapy treatment machines.
2. Funding for the **Refurbishment of the Beacon Centre Staff Room**, to give the staff a room where they can go to relax and take a well deserved break, to show how much we value them and the support they give to patients.
3. Funding for the **Refurbishment of the Patient Counselling rooms** in the Beacon Centre to create better surroundings in which to talk to patients about their diagnosis and treatment.
4. Funding for the **Replacement of Back-up Computer Hardware** for the Radiotherapy Planning Department.
5. Funding for **Replacement Computer Calculation Module Hardware** for the Radiotherapy Planning Department.