



Impact Report & Annual Review ✿

✿ 2017/18







We raise money to help the Royal National Orthopaedic Hospital provide world-class care for patients with musculoskeletal conditions, and to support the hospital's pioneering work in orthopaedic research and education.

A huge thank you to everyone who has supported The RNOH Charity. You have helped transform lives at the Royal National Orthopaedic Hospital.

Welcome

I am delighted to report that 2017/18 has been another outstanding year for The RNOH Charity. Funds raised have exceeded £1.4m which brings our Redevelopment Appeal total up to a superb £7,680,370.

Investment in the future of the hospital has been a key priority for us over the last 12 months. As construction work on the new inpatient ward block is fully underway, the Charity has given over £1.3m towards state-of-the-art equipment and facilities

for this new building, which are not affordable within the limits of NHS funding. These enhancements will significantly improve both the comfort of our patients and the quality of their care.

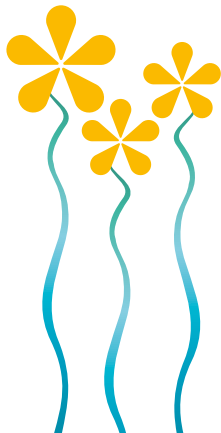
The Charity has also continued to provide essential support for the day-to-day needs of the hospital. In particular, we are proud to fund the award-winning volunteer programme, committing more than £160,000 over the past year to this valuable service which

enhances the experience of RNOH patients and their loved ones.

A highlight of the year was welcoming HRH Princess Eugenie to the RNOH's Spinal Cord Injury Centre (SCIC) on 7 July 2017, when she officially opened the Centre's impressive new wing. A grant of over £500,000 from the Charity has enabled the SCIC to construct an extra six patient bed spaces, and to purchase a range of specialist medical equipment; this will allow the hospital to treat

many more spinal cord-injured patients than was previously possible.

The RNOH Charity could not fund these vital projects without the extraordinary generosity of our loyal supporters. I would like to offer my sincere thanks to all



who have contributed over the past year. I must also extend my heartfelt thanks to our dedicated staff, who have worked tremendously hard to make 2017/18 so successful.

Brian Carlin

Chairman, The RNOH Charity



Your impact in 2017/18

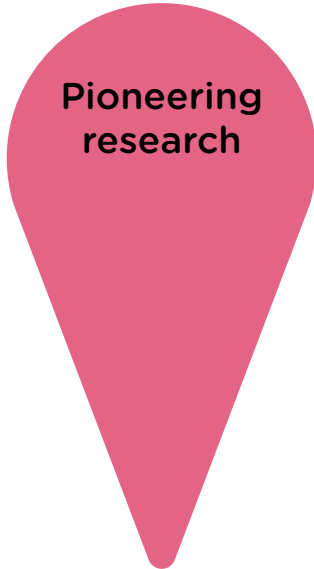
Over the past year the Charity's fundraising income has exceeded £1.4m. This has allowed us to continue our vital work, supporting the excellent treatment and care of our patients at the RNOH. Our key areas of funding have included:



**Enhancing
the new
inpatient
ward block**



**Improving
the patient
experience**

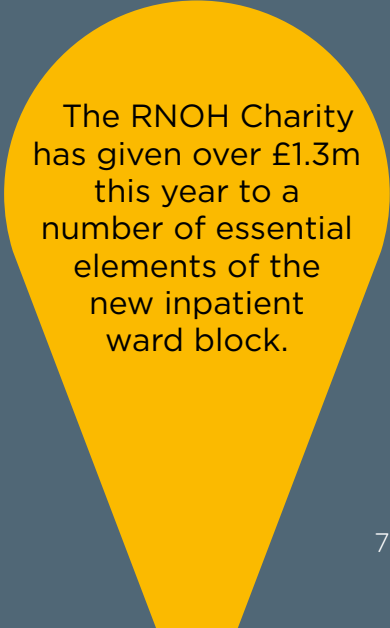


**Pioneering
research**

Enhancing the new inpatient ward block

Building work began on the RNOH's new inpatient ward block in August 2016. The opening of the ward block will mean that, at long last – after more than three decades of attempts to redevelop our Stanmore site – RNOH patients will be treated in a facility that matches the world-class service the hospital provides.

The new five-storey building, due to open in late 2018, will provide 109 beds (plus an additional 10 trolley bed bays), of which 61 will be in single rooms, greatly enhancing patient privacy and helping reduce the risk of cross-infection.



The RNOH Charity has given over £1.3m this year to a number of essential elements of the new inpatient ward block.

Enhancements and equipment for every single bed space in the children and young people's unit and two adult acute wards

The RNOH Charity has funded a range of additional equipment and furnishings for all three NHS wards in the New Inpatient Ward Block. These enhancements will play a huge part in transforming the experience of the patients we treat, and will provide a more comfortable environment for every patient staying at the RNOH.

They will include:

- Fold-down beds, which will enable family members to sleep by patients' bedsides
- Aesthetically pleasing and uplifting art and décor
- State-of-the-art overhead hoists and travel systems, which will enable us to lift disabled and elderly patients
- Specialist chairs for patients with scoliosis and other forms of spinal deformity



A children's activity centre

A children's activity centre will be created within the foyer which will be fitted out with a range of toys, games and interactive technological equipment funded by The RNOH Charity.

The infrastructure for the hospital's new Private Patient Ward

By creating a new Private Patient Ward, the RNOH will be able to increase its private patient income by millions of pounds every year. At a time when the hospital is under serious financial pressure, this additional income will sustain the RNOH and its services for patients long into the future.

Equipment for two therapy gyms

The Charity is funding a range of equipment for two therapy gyms to assist our patients' rehabilitation. This includes exercise bikes, specialist hoists, exercise balls and weights.

The RNOH Charity is delighted to be funding all the equipment in the adult and children's therapy gyms at a cost of £60,000.

Art to enhance the hospital environment

The RNOH Charity is proud to be funding all the artwork in the New Inpatient Ward Block. A wealth of evidence shows that artwork in healthcare environments has a number of positive therapeutic and medical outcomes, including:

- Reduced stress
- Reduced blood pressure
- Reduced depression and anxiety
- Reduced pain intensity
- Reduced need for medication
- Improved mental health
- Improved staff morale
- Improved recruitment and retention of staff

Moreover, these artworks will:

- Provide a distraction for patients; alleviate both anxiety and boredom
- Provide a welcoming environment
- Introduce colour and positive imagery of wellbeing
- Provide identity for individual floors and the building as a whole

The hospital's Arts Committee met for the first time in January 2018 under the leadership of an arts curator on secondment from another London Hospital. His role is entirely funded by The RNOH Charity.



An artist's impression of the installation in the atrium of the New Inpatient Ward Block

Improving the patient experience

Volunteer services

The RNOH Charity is delighted to continue funding the volunteer service programme at RNOH Stanmore. The programme has gone from strength to strength since it was introduced in 2015, as our 'fellows in yellow' continue to assist both RNOH patients and staff. Exciting volunteer initiatives include:

- Mealtime buddies project – our volunteers engage with patients during lunch and dinner.
- Bedside trolley service – affectionately known as 'The Chocolate Chariot', volunteers visit all wards offering a selection of newspapers and confectionary.
- Art programme – our art volunteers are in such demand that a new role has recently been developed in the Spinal Cord Injury Centre; this will build on the success of an art volunteer programme in the Jubilee Rehabilitation Ward.
- Charity-funded buggies continue to transport thousands of patients across the Stanmore site each year.
- Youth volunteer project – the volunteer service has been working with a local girls' school, who once a week bring a small group of volunteers to assist on the wards; they befriend patients, make tea, make beds, and answer the telephones.



Our team of 15 dedicated buggy drivers transported an incredible 24,000 patients around the Stanmore site in 2017/18

SCIC expansion

The RNOH's Spinal Cord Injury Centre (SCIC) is one of the leading spinal cord injury centres in Europe; however, until March 2017 it was not big enough to meet the demand for its service. Thanks to substantial funding from The RNOH Charity (given in 2016/17 and 2017/18), building work commenced in November 2016 to increase the number of bed spaces enabling the hospital to treat many more

spinal cord injured patients than was possible before – quadriplegic patients, tetraplegic patients, and those whose injuries are so serious they need ventilators to breathe.

Princess Eugenie of York, the Patron of The RNOH Charity's Redevelopment Appeal, visited the hospital on 7 July 2017 to officially open the new wing of the SCIC.

During her visit, Princess Eugenie was given a tour of

the expansion, and talked to many of the Centre's patients. She learned how they sustained their injuries, and the ways in which the SCIC has helped them to recover, and to regain their independence.

Before she officially opened the new wing, Princess Eugenie praised the SCIC's staff and paid tribute to the incredible resilience of the patients she met.

“The RNOH’s Spinal Cord Injury Centre is a centre of excellence, and is internationally renowned for the quality of its care. I have had an opportunity to meet some of the staff who run the unit and have been impressed by their dedication and sensitivity. Their patients are given round-the-clock care, and each of their individual needs is catered for. This expansion means that the Centre will be able to offer its package of world-class rehabilitation to many more people per year than it was able to previously.”

HRH Princess Eugenie



Pioneering Research

The RNOH Charity is delighted to support ground-breaking research at the Royal National Orthopaedic Hospital.

One key project we supported this year was the creation of a low-cost 3D-printed bionic limb.

Phantom limb pain (PLP) is a complex condition that affects over 50% of amputees. The phenomenon results in

patients feeling body parts that are no longer there; amputated limbs can ache, itch, burn, feel dry or wet, tense, locked or stuck, or even feel as if they are moving.

During an ongoing clinical trial our research team have observed that amputees experience lower levels of perceived pain as a result of exposure to AMPSIM - a combination of technologies that enable the patient to

feel, control and see, using technology including virtual reality and a state-of-the-art 'sensory' robotic arm.

Based on this outcome, The RNOH Charity has provided the funds to develop a low-cost, 3D-printed, custom-made bionic hand to improve function but also to reduce pain, using the same approach used in the AMPSIM study.

Funds have been used to:

- 3D scan the patient limb and stump
- Use additive manufacturing (hypoallergenic 3D-printed PLA) techniques to develop a custom-made flexible hand prosthesis complete with a stump interface
- Purchase components (sensors, actuators, battery pack) needed for the bionic hand
- Engineer time to put together the device
- Go through limb fitting and bionic limb training process

The proposed approach could pave the way for novel drug-free treatments for phantom limb pain using affordable state-of-the-art prosthetics and virtual reality training. In the long term, it could save the NHS millions of pounds.

Selected highlights from 2017/18

London Irish Ward Appeal

The London Irish Ward Appeal was launched in June 2016 by Tim Kelly, the Chairman of the Kelly Group, with the aim of raising £480,000 to fund all the specialist equipment and furnishings for one of the hospital's new adult acute wards. We are delighted to announce that the campaign has raised a staggering £615,000 through a variety of different events, culminating in May 2017 with a gruelling 300-mile cycle ride from Stanmore to Dublin.

“The funds raised through the London Irish Ward Appeal will quite simply transform the experience of the RNOH's patients. We cannot thank Tim Kelly, the Chairman of the Kelly Group, and the London Irish group enough for their support.”

Professor Tim Briggs, Director of Strategy and External Relations, RNOH

Buttercup Walk 2017

Hundreds of walkers came out to support The RNOH Charity's 15th Anniversary Buttercup Walk, raising over £26,000 to enhance a patient room in the new inpatient ward block.

The walk was led by our amazing 96-year-old 'Buttercup Walk hero', Mary Tye, whose determination and positivity shone through as she took the first few steps of our one-mile route. Mary, who was treated at the RNOH for a spinal cord injury eight years ago, was excited to lead the way.

"You should never let life get you down. Just keep your head held high and focus on what's important: living life to the full. I want to show other spinal cord-injured patients that if I can do it, then they can too."

Mary Tye, Buttercup Walk hero

Participants and their families enjoyed live music, a variety of food and craft stalls, and child-friendly games and entertainment.



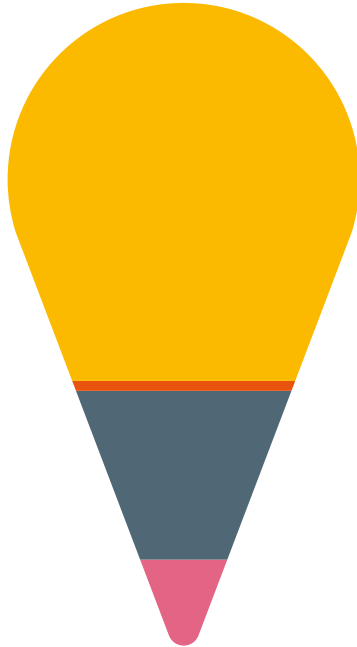
President of Malta visit

We were delighted to welcome the President of Malta, H.E. Marie-Louise Coleiro Preca, to the RNOH in November 2017. The President was given a briefing on our latest developments and a tour of the hospital. She was introduced to a Maltese staff member and met one of our patients. We are proud of our working partnership with Malta and would like to thank the President for her kind donation to The RNOH Charity.



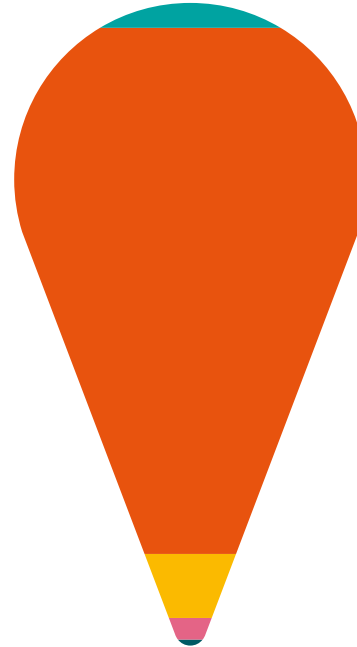
Summary of Income and Expenditure 2017/18

Income



Donations £954,000
Fundraising Events £25,000
Legacies £426,000
Investment Income £217,000
Total Income £1,622,000

Expenditure



Research £91,000
Contributions to the RNOH £1,923,000
Fundraising Administration £234,000
Staff welfare and amenities £79,000
Patient welfare and amenities £22,000
Total Expenditure £2,349,000

Thank you

The RNOH Charity could not carry on its vital work without the incredible support of the individuals and organisations who give so generously each year. These donations help us work in partnership with the RNOH, rebuilding people's lives.

Warmest thanks to you all, from everyone at The RNOH Charity.

If you would like further information about The RNOH Charity, please contact us:

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Brockley Hill, Stanmore, Middlesex, HA7 4LP.

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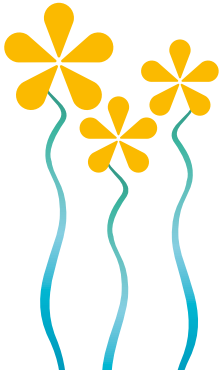
Crowdfunding: www.makeitpossible.org.uk



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