

**I AM
RESEARCH**

Be part of the solution

International Clinical Trials Day

14 - 20 May 2018

UH Bristol clinical research teams have been raising awareness of research by showcasing their studies and holding information stands and interactive events for both patients and staff. Many different specialties were represented - take a look at this summary of events in photos.

There are a number of studies open at our hospitals, with more research starting every month.

If you would like to be involved, ask any member of the clinical team about our research and how you can make a difference.

Research at UH Bristol - www.uhbristol.nhs.uk/research-innovation

UK Clinical Trials Gateway - www.ukctg.nihr.ac.uk

National Institute for Health Research - www.nihr.ac.uk

Respecting everyone
Embracing change
Recognising success
Working together
Our hospitals.



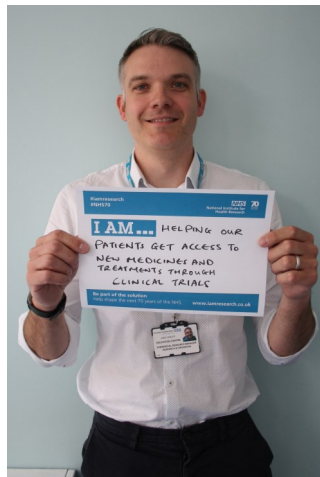
Transforming
Care

Research & Innovation

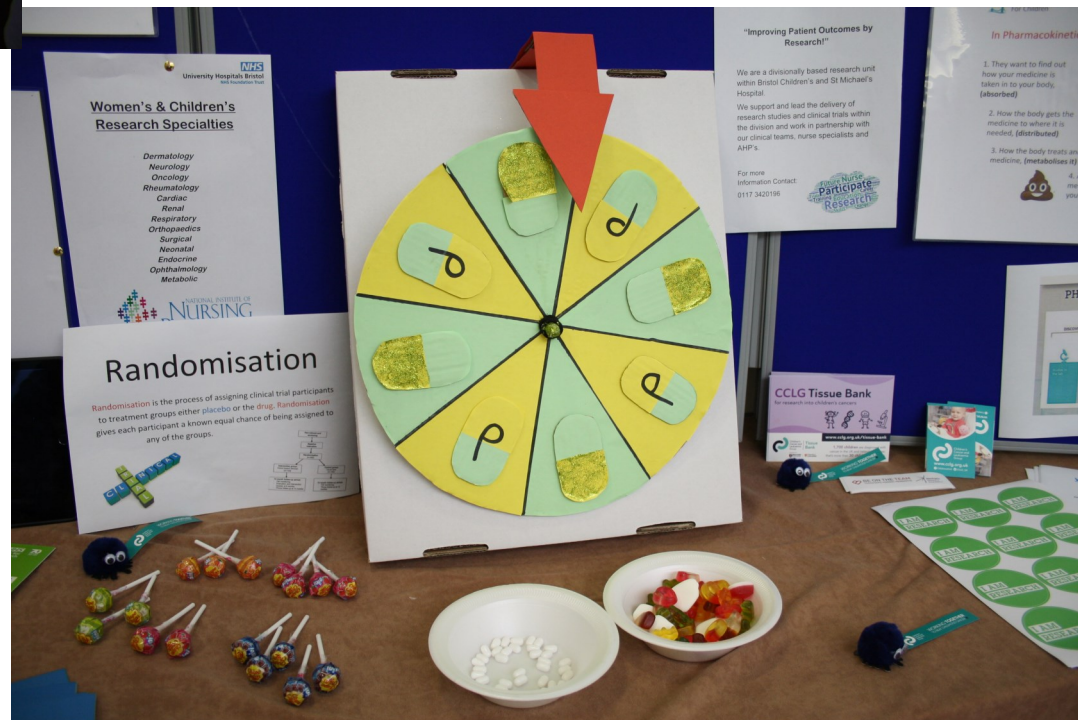
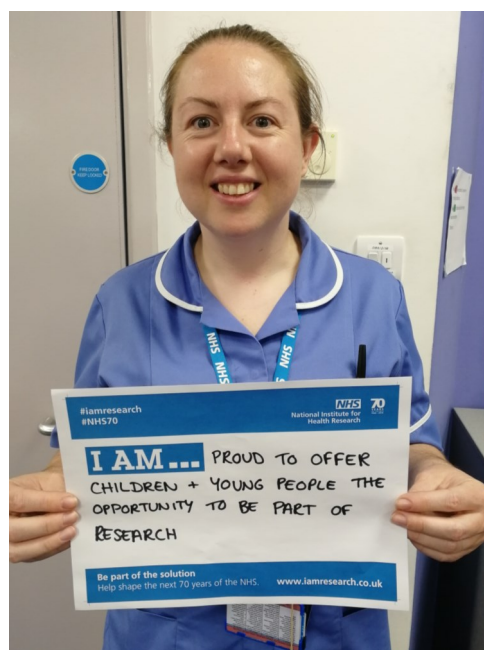
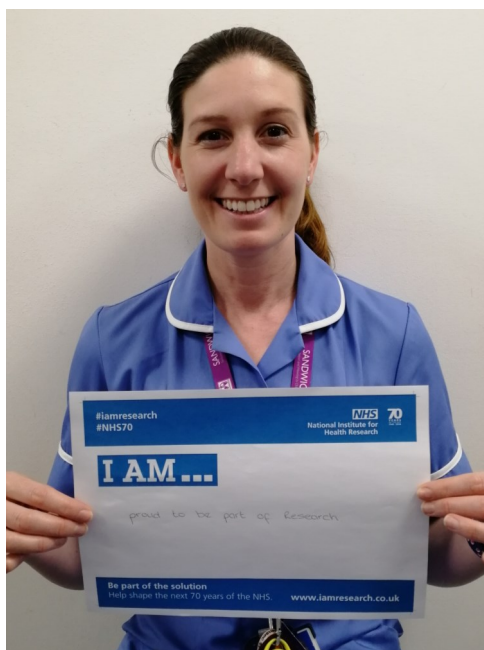
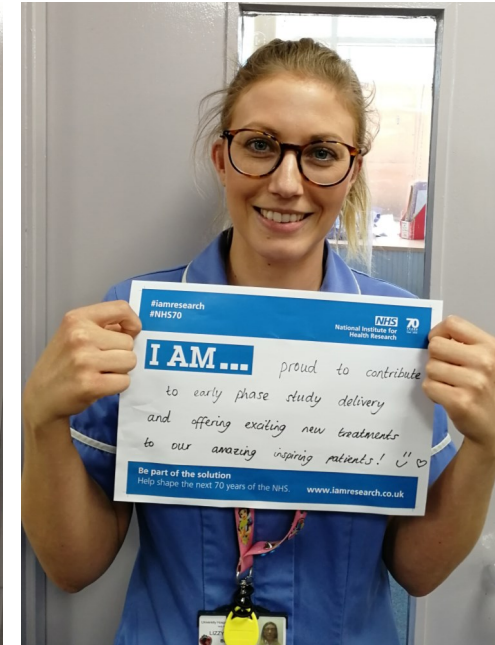


The team held a bake sale and raised £185.39 for Above & Beyond

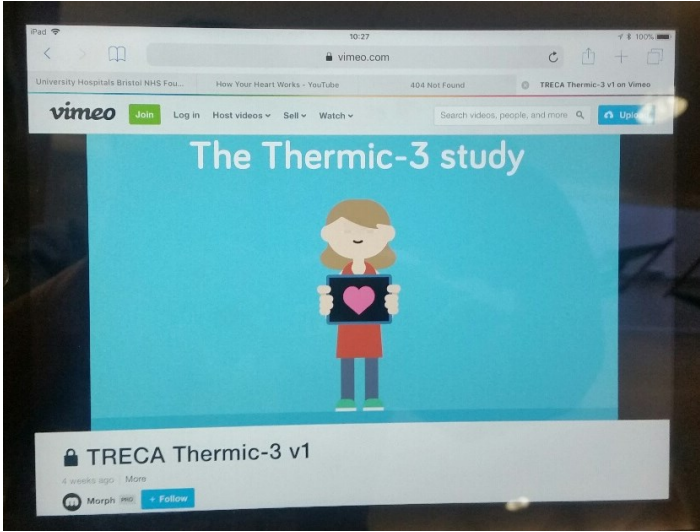
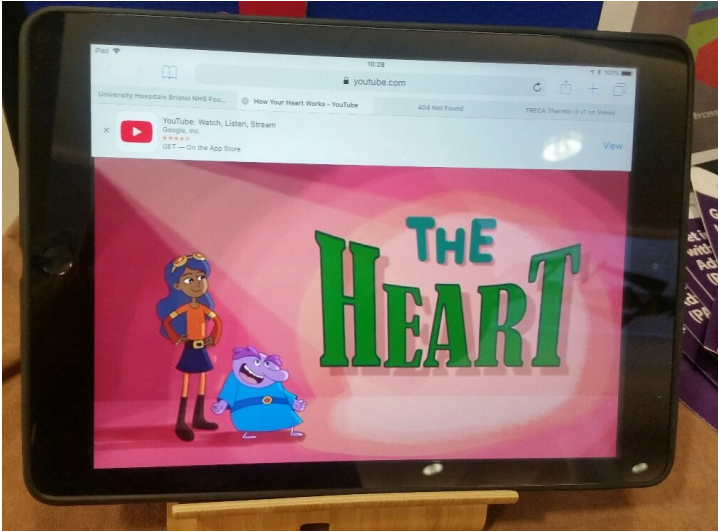
Research & Innovation held a stand in the Bristol Royal Infirmary Welcome Centre, signposting interested patients, family members and staff to visit other research teams around the trust.



Women's & Children's Research Unit



Paediatric Cardiac Research Team



Demonstrating randomisation with an interactive game for children, and animated videos of the circulatory system and new study Thermic-3



Intensive Care Research

INTENSIVE CARE RESEARCH

AWARE-2:
A study being run from New York looking at patient awareness during resuscitation during in-hospital cardiac arrest.

TTM2:
This study aims to find out which gives the best neurological recovery for patients following out of hospital cardiac arrest – normal body temperature or hypothermia.

65 TRIAL:
Investigating if a lower blood pressure in patients who are over 65 and receiving medicine for low blood pressure improves survival.

TAK-954:
Studying the effectiveness of a new drug to improve digestion of liquid feed in intubated patients.

KETOGENIC DIET STUDY:
Does a ketogenic diet reduce delirium in critically ill patients? A study designed by one of our own ICU consultants.

INTEREST:
Testing the drug 'beta interferon' as a treatment for Acute Respiratory Distress Syndrome – Currently there is no treatment for this other than supportive care.

PQiP:
A patient opinion survey looking at ways to improve care before, during and after surgery.

FLO-EIA:
Optimizing fluids in emergency lower surgery.

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The Intensive Care Research (ICU) team created a poster to show the diversity of current ICU research projects.

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HELP BEAT DEMENTIA
Researcher-led research to improve dementia care

International Clinical Trials Week
14 - 18th May 2018

Bristol Eye Hospital Clinical Research Unit




University Hospitals Bristol **NHS**
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CAKE!

Now that we've got your attention, there will be a **bake sale** in the **Research Unit, level 2 on Thursday 18th May from 11am until 1pm.** This will be for **STAFF ONLY.**

All proceeds from the sale will be going to the

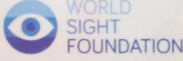
 **WORLD SIGHT FOUNDATION**
Saving vision through education

Their mission is to deliver sustainable solutions for the relief of blindness, and for preserving sight, anywhere in the world. This is achieved by enhancing, through education, the skills of locally-based eye care professionals. Currently the World Sight Foundation have projects in; *Lesotho, Kenya, South Africa, Uganda, Ethiopia, Rwanda, Belize, China, Malaysia, Yemen and Gaza.*





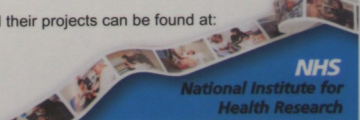
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 **WORLD SIGHT FOUNDATION**

The World Sight Foundation (WSF) was established in 2012 by Anthony Chignell MBE FRCS FRCOphth after many years of ophthalmic work.

His interest in "developing world" ophthalmology arose during his years as Order Hospitalier of the St. John of Jerusalem Eye Hospital. Of the various models of ophthalmic aid currently available WSF feels strongly that education is one of the best ways of improving care on a long term basis. Thus, rather than being involved with the direct provision of services, we support the teaching and training of those involved with eye care. We consist of a small group of highly motivated volunteers with very limited administrative costs, enabling donations to be used for what they are intended. Decisions can be made quickly and we are close to the projects we partner. Within the WSF we have a group of highly respected advisers both from the UK and the international community. This team of professionals help us in all aspects of our work – particularly income generation and strategic planning.

More information about the Foundation and their projects can be found at:
www.worldsightfoundation.com



Bristol Eye Hospital Cataract Research Programme



NHS National Institute for Health Research

1. CAT-PROM5 ^{complete} ★

Aim: To develop and test an NHS-friendly questionnaire ("Cat-PROM5") to measure the amount of visual difficulty patients experience from cataracts on a daily basis.

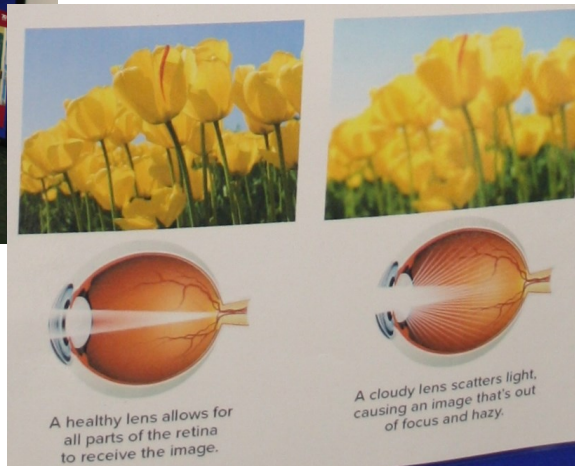
Why? Patient reported outcome measures (PROM) are being used more frequently in healthcare as a tool for patients to tell us more about living with health conditions. The need for improved PROM instruments for cataract surgery in the NHS was a **2017 high priority research recommendation**.

Result: A short questionnaire, Cat-PROM5, has been developed and published by the team. This captures a patient's everyday experiences of their vision in a structured way, allowing their perception of their eyesight to be measured.

University Hospitals Bristol NHS Foundation Trust

Achievements:

- ✓ Publication of two articles in *Eye*, the official journal of The Royal College of Ophthalmologists
- ✓ CAT-PROM5 has been translated into Welsh for use as the primary PROM for cataract patients in Wales
- ✓ The Healthcare Quality Improvement Partnership have commissioned a pilot study incorporating CAT-PROM5 into the national cataract audit
- ✓ Software is being developed for Cat-PROM5 data to be routinely collected in electronic patient records for cataract patients



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OK ASK

70th birthday of the eye... 100 years of research and of the eye transformed the...

NORMAL VISION

- Light passes through the lens to the retina.
- Once it reaches the retina, light is changed to nerve signals.
- These nerve signals are then sent to the brain which allows what you are seeing to be processed.

CATARACT VISION

- As we age, some of the protein may clump together and start to cloud a small area of the lens. This is a cataract.
- Over time, this may grow larger and cloud more of the lens making it harder to see.

NHS National Institute for Health Research

University Hospitals Bristol NHS Foundation Trust

How are we improving patient care?

Currently, potential levels of benefit and risk of cataract surgery are routinely explained to patients in **general terms** only. This means that patients are given a potential level of risk based on what is known about the general population.

As part of a sub-study to Predict-CAT, the research team are **developing a short leaflet**, called a **Cataract Brief Decision Aid**, which presents information that is **specific to the patient as an individual**.

This will allow cataract patients to:

- Think about **what is important to them** when considering having surgery
- Discuss their **personal preferences** with their clinical team
- Make a **shared decision** with their clinician about what is **best for them as an individual**

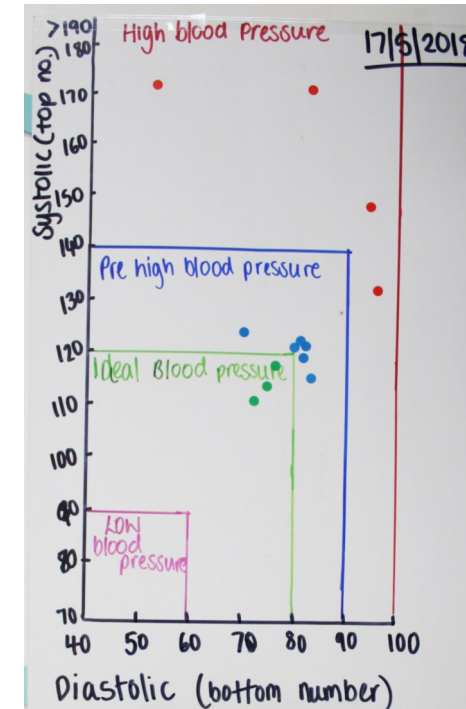
Cardiovascular theme of BRC and Clinical Trials Evaluation Unit



Cardiology Research



The team created a timeline showing landmark research studies that have changed clinical practice in cardiology. Visitors could ask for advice about lifestyle choices in order to maintain a healthy heart and were offered a blood pressure check.



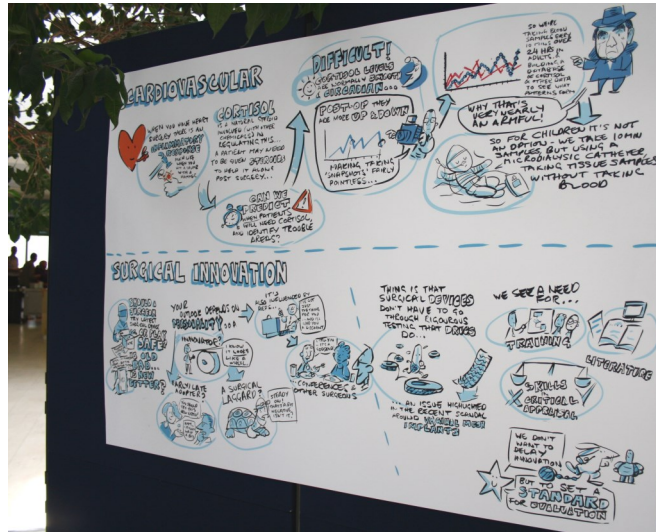
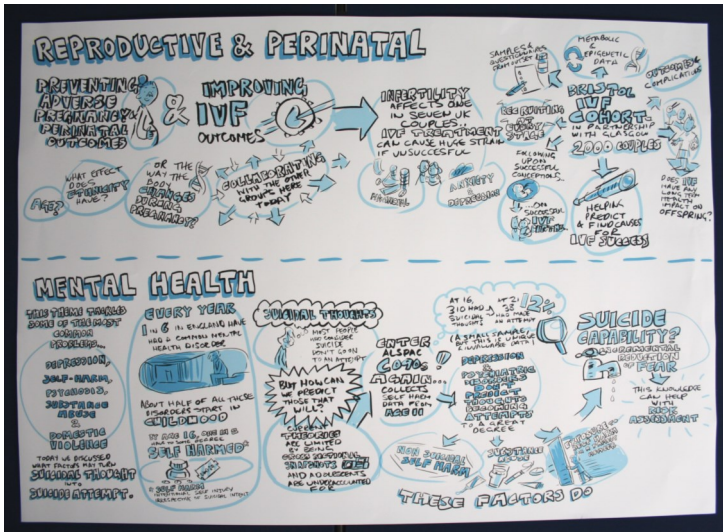
CLAHRC West and the Biomedical Research Centre



Patient and public involvement (PPI)



Biomedical Research Centre (BRC) themes



PhD students and researchers showcased their projects -

Reproductive & Perinatal | Mental Health | Cardiovascular | Surgical Innovation | Translating Clinical & Population Science for Patient Benefit | Nutrition



Surgical Research Team



The Surgical Research Team created 90 cup cakes which they distributed throughout UH Bristol trust to help raise awareness of their team and research at UH Bristol.

