Selective Decontamination of the Digestive tract in critically ill patients treated in Intensive Care Unit (SuDDICU)

Investigators
Marion Campbell, Jill Francis, HSRU; Prof Brian Cuthbertson, Fiona Webster, Sunnybrook Health Sciences Centre, Canada; Karen Burns and John Marchall, St Michael's Hospital, Toronto; Deborah Cook, McMaster University; Peter Dodek, University of British Columbia; Jeremy Grimshaw, Lauralyn McIntyre, and Salman Kanji, Ottawa Hospital Research Institute; Richard Hall and Lynn Johnston, Dalhousie University, Nova Soctia; John Muscedere, Queen’s University Ontario; Charles Weijer, University of Western Ontario

Source and amount of HSRU funding (total funding)
CIHR £None (Canadian $299,050)

Summary
Hospital acquired infections are a major cause of morbidity and mortality. Critically ill patients in Intensive Care Units (ICUs) are particularly susceptible to these infections. One intervention that has gained much interest in the medical literature for reducing infection rates and deaths from hospital acquired infections is selective decontamination of the digestive tract (SDD). SDD involves the application of antibiotic pastes to the mouth, throat and stomach and a short course of antibiotics to a vein.

Previous research undertaken in HSRU (funded by NIHR) showed that there was considerable ongoing uncertainty about possible benefits and harms of SDD and that further large-scale effectiveness trials of SDD in ICUs would be required to address these uncertainties, especially the effect of SDD on antimicrobial resistance. Funding has now been received in Australia & New Zealand (from the Australian National Health and Medical Research Council) and Canada (from the Canadian Institutes of Health Research) to run international trials to a shared protocol (with a cluster-crossover design focusing on the effects of SDD on mortality and antimicrobial resistance). Patients are also being recruited from the UK. HSRU researchers are engaged in the international oversight of these trials, and also directly as co-applicants in the design, conduct and implementation of SUDDICU Canada - which is also seeking funding to undertake a parallel process evaluation.

Current status
Completed

Key publications


B.49

Sharing decision-making with adults with learning disabilities

Investigators
Vikki Entwistle, Zoë Skea, Anna Sierawska, HSRU; Prof John Swinton, University of Aberdeen; Linda Oldroyd, NHSG

Source and amount of HSRU funding (total funding)
NHSG Endowment £11,670 (£11,670)

Summary
Health services increasingly aspire to ensure that all patients share in decision making about their care, but there are many uncertainties about what forms of sharing are practically possible and ethically acceptable in particular circumstances. The uncertainties are particularly acute when patients have learning disabilities.

This study aims to examine how health professionals currently involve people with learning disabilities in decision-making about their health care, and to explore scope for improvement in the sharing of decision making. It is being conducted as part of Anna Sierawska’s PhD programme. We conducted in-depth qualitative interviews with both (a) learning disability specialists and (b) healthcare professionals who work in more acute healthcare sectors and who do not have special training or expertise in learning disabilities. The interviews investigated healthcare professionals’ experiences of working with adults with learning disabilities and their views about how they do and how they might involve those adults in decision-making about their health care.

The insights generated about and from health professionals’ perspectives are being used to inform a broader conceptual and ethical analysis of shared decision-making with adults with learning disabilities.

Current status
Ongoing

Publications and presentations
None
B.50

Sharing information with children and young people about genetic risk

Investigators
Lorna McKee, Adrian Grant, HSRU; Dr Zosia Miedzybrodzka, Dr Maureen Porter, University of Aberdeen

Source and amount of HSRU funding (total funding)
CSO £153,105 (£153,105)

Summary
This CSO funded post-doctoral training fellowship builds on our previous work which has shown that children and young people growing up at risk of developing and passing on serious inherited conditions can feel poorly served by existing services, and that parents perceive a lack of information and support from healthcare professionals about sharing information with children about genetic conditions.

To improve this aspect of Health Services provision the project will: 1) explore the information needs of young people at risk of adult-onset hereditary disease; 2) explore professional interactions with young people and their parents and 3) help develop evidence based resources which help parents and professionals in sharing information with young people about genetic conditions.

The project will draw upon a mixed methods approach which will include: 1) clinical observations of practitioners interactions with patients and follow up interviews with parents and young people; 2) interviews and a survey of genetics professionals; 3) an analysis of practitioners case notes and 4) an exploration of how young people discuss their risk and predictive testing issues on social networking sites.

Current status
Completed

Key publications and presentations


Oral presentations

Forrest Keenan, K. Sharing information with children and young people about genetic risk: A Research Study. European Huntington’s Disease Network Young Adult Working Group Meeting, Barcelona, February 2012


Forrest Keenan, K, McKee, L, Miedzybrodzka, Z. Young adults’ experiences of predictive testing for Huntington’s disease: Preliminary findings from a qualitative study. *European Huntington’s Disease Network Young Adult Working Group Meeting, Barcelona, February 2013*

Forrest Keenan, K, McKee, L, Miedzybrodzka, Z. Young adults’ experiences of predictive testing for Huntington’s disease in Scotland: Preliminary findings from a qualitative study. *UK HD Predictive Testing Consortium Meeting, Birmingham, 3 July 2013*

Miedzybrodzka, Z, Keenan, KF, McKee, L. How to support young people at risk of HD through family contact: Evidence based tips for the HD clinic. *European Huntington’s Disease Network Satellite Meeting, June 2015*


Keenan, KF, McKee, L, Miedzybrodzka, Z. Sharing information with children and young people about adult-onset inherited conditions: Using evidence to improve services for parents and their children *European Society for Human Genetics, Glasgow, June 2015*

Keenan, KF, McKee, L, Miedzybrodzka, Z. Telling, testing and treating: Parents, children and young people’s views about FH. *FH Educational Event, Aberdeen Royal Infirmary, May 2015*


Keenan, KF, McKee, L, Miedzybrodzka, Z. How to improve parents’ and children’s experience of predictive testing for Familial Hypercholesterolaemia. *European Society of Human Genetics, Barcelona, May 2016*

Keenan, KF, McKee, L, Miedzybrodzka, Z. Professionals’ views and experiences of facilitating family communication about genetics: Findings from a qualitative study. *European Society of Human Genetics, Barcelona, May 2016*
B.51

**START - Systematic Techniques for Assisting Recruitment of Trials**

**Investigators**

*Shaun Treweek, HSRU; Peter Bower (CI), University of Manchester; Sandra Eldridge, QMUL; Jonathan Graffy, University of Cambridge; David Collier, Barts & the London/Queen Mary; Anne Kennedy, University of Manchester; Wallace P, Chris Salisbury, University of Bristol; David Torgerson, University of York; Peter Knapp, University of Leeds*

**Source and amount of HSRU funding (total funding)**

MRC £5,099 (£5,099)

**Summary**

Randomised controlled trials (RCTs) are critical to evidence-based practice, but recruitment is often problematic, with little rigorous evidence to assist research teams in recruitment and retention of participants. Without effective recruitment, the policy goal of improving health and wealth through research will be hard to realise.

A robust test of the effectiveness of a recruitment method is an RCT comparing one method with an alternative, nested in a host trial. Nested studies are rare, largely delivered in an ad hoc way, and almost always tested in the context of a single host trial, potentially limiting their generalisability.

START aims to develop a methodology to design, deploy and test recruitment interventions nested within ongoing host RCTs, to rapidly and systematically improve the evidence base. To achieve this, our programme comprises of three interrelated work packages:

1. Methodology – the development of methods for design and analysis of nested recruitment studies
2. Interventions – development of recruitment interventions
3. Implementation – the recruitment of a cohort of host RCTs and test recruitment interventions through nested studies across multiple trials.

START is led by Peter Bower at the University of Manchester.

The protocol for the START study is available at [http://www.trialsjournal.com/content/15/1/407](http://www.trialsjournal.com/content/15/1/407).

Further details are available at [http://www.population-health.manchester.ac.uk/mrcstart/](http://www.population-health.manchester.ac.uk/mrcstart/).

**Current status**

Ongoing

**Publications and presentations**

None
B.52

Support through mobile messaging and digital health technology for diabetes (Summit-D)

Investigators
Louise Locock, HSRU; Andrew Farmer (PI), Lionel Tarassenko, Ly-Mee Yu, Veronika Williams, Carmelo Velardo, University of Oxford; Rob Horne, UCL; Dyfrig Hughes, York; Jennifer McSharry, NUI Galway; David French, Peter Bower, Manchester; Beverley Shields, Exeter; Rustam Rea, Oxford University Hospitals NHS Foundation Trust; Perdita van den Berg, Oxford Health NHS Foundation trust; Bernard Gudgin, Lay partner

Source and amount of HSRU funding (total funding)
NIHR PGfAR £TBA (£2,580,075)

Summary
This NIHR programme grant aims to develop and test a mobile-device based system delivering automated, tailored brief messages to offer support for medicine use alongside usual care to people with type 2 diabetes. This will include developing and refining the content of messages targeted at a wide range of medication adherence behaviours, and developing and optimising the system for delivering them. The programme will explore the extent to which the messages can be tailored by personal characteristics and response to earlier messages, and by routinely collected NHS data. https://www.phc.ox.ac.uk/research/diabetes/studies/summit-d

Current status
Ongoing

Publications and presentations
None
B.53

Systematic review of personalised care planning for adults with chronic or long term conditions

Investigators
Vikki Entwistle HSRU; Angela Coulter, University of Oxford

Source and amount of HSRU funding (total funding)
No external funding £None

Summary
This Cochrane review is funded by the Policy Research Programme in the Department of Health, England, and led by Prof Angela Coulter, University of Oxford. It aims to assess the effects of personalised care planning, as compared to forms of care in which the active involvement of patients in decisions about the treatment and management of long term conditions (at least in goal setting and action planning) is not explicitly attempted or achieved. It is considering effects in the domains of physical, psychological and psychosocial health, and capabilities for self-management, as primary outcomes.

Current status
Completed

Key publications

B.54

Systematic reviews and integrated report on the quantitative and qualitative evidence base for the management of obesity in adult men (ROMEO, Review Of MEn and Obesity, project)

Investigators
Alison Avenell, HSRU; Flora Douglas, Dr Pat Hoddinott, Population Health, University of Aberdeen; Prof Edwin van Teijlingen, Bournemouth University

Source and amount of HSRU funding (total funding)
NIHR HTA Programme £244,217 (£254,138)

Summary
More men than women are overweight or obese in the UK but men are less likely to perceive their weight as a problem and less likely to engage with weight-loss services, particularly those from the commercial sector.

The NIHR Health Technology Assessment programme funded Prof Alison Avenell and researchers from the Universities of Aberdeen, Stirling and Bournemouth to systematically review evidence-based engagement and management strategies for treating obesity in men. This was a mixed-method systematic review integrating the quantitative, qualitative and health economic evidence base.

The impact of weight loss on health problems and the desire to improve appearance, without looking too thin, are motivators for weight loss amongst men. Interventions delivered in social settings are preferred to health-care settings. Programmes with a sporting context, where participants have a strong sense of affiliation, show low dropout rates and high satisfaction. Group-based programmes show benefits by facilitating support for men with similar health problems, and some individual tailoring of advice assists weight loss. Preferences for men-only versus mixed-sex weight-loss group programmes are divided.

Men are more likely than women to benefit if physical activity is part of a weight-loss programme, but reducing diets produce more favourable weight loss than physical activity alone. Low-fat reducing diets, some with meal replacements, combined with physical activity and behaviour change training give the most effective long-term weight change in men, and can prevent type 2 diabetes in men and improve erectile dysfunction. Although fewer men join weight-loss programmes, once recruited they are less likely to drop out than women.

Current status
Completed

Key publications and presentations


**Oral presentations**

There have been 13 oral presentations to date. A selection include:

Archibald, D, Douglas, F, Hoddinott, P, van Teijlingen, E, Robertson, C, Avenell, A. Tackling male obesity: the ROMEO (Review Of MEn and Obesity) study. *Scottish Faculty of Public Health, Crieff, 8-9 November 2012*

Avenell, A. What does the evidence tell us about optimal obesity service delivery for men? The ROMEO project (Review Of MEn and Obesity). *Men’s Weight Management Steering Group, Manchester, 17 September 2013*

Stewart, F, Fraser, C, Robertson, C, Archibald, D, Avenell, A, Group, RP. Are men difficult to find? Identifying sex-specific studies in MEDLINE and Embase. *21st Cochrane Colloquium, Quebec, 19-23 September 2013*


B.55

Systematic Techniques to Enhance Retention in RCTs: The STEER Project

Investigators
Katie Gillies, Shaun Treweek, HSRU; Belinda Young, University of Liverpool; Peter Bower, University of Manchester; Miles Witham, University of Dundee; Jill Francis, City University London

Source and amount of HSRU funding (total funding)
CSO £172,999 (£199,857)

Summary
Non-retention of participants seriously affects the credibility of clinical trial results and significantly affects a trial’s potential to influence clinical practice.

Many of the causes of non-retention involve people performing, or not performing, an action such as returning a questionnaire, in other words, performing a behaviour. Behaviour change is difficult, and the importance of a strong theoretical basis for interventions that aim to change behaviour is increasingly recognised. The majority of existing interventions targeting retention fail to describe any theoretical (i.e., generalizable) basis for the observed outcome. Moreover, most of these interventions lack involvement of participants in their conception and/or design, raising questions about their relevance and acceptability.

STEER aims to develop and pilot theoretically-informed, participant-centred, evidence-based behaviour change interventions to improve retention in trials. To achieve this, our project comprises of four interrelated phases and the research objectives are:

a) Identify the problem (identify stakeholders’ views and experiences of non-retention to determine ‘who needs to do what differently?’);
b) Assess the problem (use a theoretical framework to identify which barriers and enablers to retention in trials need to be targeted);
c) Form possible solutions (which behaviour change techniques could overcome the modifiable barriers and enhance the enablers of trial retention and how best could these techniques be presented); and
d) Evaluate feasibility and acceptability of the selected interventions (explore the feasibility and acceptability of potential interventions from the perspective of stakeholders and how retention interventions can be implemented in new and ongoing trials).

Current status
Ongoing

Key publications
B.56

The application of psychological interventions (including mindfulness based approaches) to health and illness

Investigators
Andy Keen, HSRU

Source and amount of HSRU funding (total funding)
CSO £None (£119,275)

Summary
The aim of the NRS fellowships is to provide clinicians with 1-2 days of protected time to develop their research interests, primarily by developing and submitting proposals to lead trials and projects.

One of the main target outcomes was to secure grants to the value of the Fellowship. The table below details the successful grant applications made during the Fellowship.

<table>
<thead>
<tr>
<th>Funding body</th>
<th>Grant title</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHS Grampian Endowment Fund</td>
<td>Development and evaluation of a self-help mindfulness-based internet programme for people with long-term conditions.</td>
<td>£80,000</td>
</tr>
<tr>
<td>Health Foundation</td>
<td>ACT Now: Improving self-care and emotional wellbeing in people with type 2 diabetes: Embedding in Practice</td>
<td>£30,000</td>
</tr>
<tr>
<td>Health Foundation</td>
<td>ACT Now: Improving self-care and emotional wellbeing in people with type 2 diabetes</td>
<td>£71 766</td>
</tr>
<tr>
<td>CSO</td>
<td>Feasibility of a multi-site RCT exploring the effectiveness of mindfulness-based cognitive therapy to improve emotional wellbeing and glycaemic control among adults with Type 1 diabetes</td>
<td>£216 258</td>
</tr>
<tr>
<td>NES HPIT</td>
<td>Improving uptake of bowel cancer screening in deprived communities; Reducing admissions and readmissions in COPD patients</td>
<td>£31 719</td>
</tr>
</tbody>
</table>

Current status
Ongoing

Publications and presentations
None
The development, exercise and recognition of practical wisdom in contemporary healthcare provision

Investigators
Vikki Entwistle, HSRU

Source and amount of HSRU funding (total funding)
ISSF Wellcome £18,031 (£18,031)

Summary
A ‘seed corn’ project funded by the Wellcome Trust Institutional Strategic Support Fund to underpin the development of a larger interdisciplinary grant. The project comprises (1) a systematic review of literature on the provision and implications of ‘safe space for ethical discussion’ among health professionals and (2) discussions with professional groups and associations to inform the planning of future primary research.

Current status
Ongoing

Publications and presentations
None
B.58

The relationship between perceived decision difficulty, decision time and decision quality in General Practitioners’ decision-making

Investigators
Nicola McLeary, Craig Ramsay, Marion Campbell, Jill Francis, HSRU; Julia Allan Health Psychology
University of Aberdeen

Source and amount of HSRU funding (total funding)
MRC £55,470 (£55,470)

Summary
Whether or not primary care patients receive evidence-based, high quality care depends in large part on the clinical decisions made by General Practitioners (GPs). This study is using patient scenarios (clinical/case vignettes), which describe patients presenting to primary care, to explore the cognitive processes underlying GPs’ decision-making.

Scenarios are being used to investigate the relationships among certain consultation/GP characteristics and three components of decision-making: how difficult GPs perceive decisions to be, the time taken to make decisions, and the quality of the decisions relative to clinical guideline recommendations.

This study had four overall aims:

- To conduct a systematic review to a) determine the extent to which perceived decision difficulty, decision quality, and their relationship have been assessed in scenario studies of GPs’ decision-making; b) identify possible determinants of difficulty and quality, and c) investigate the relationship between difficulty and quality
- To determine the relationships between decision difficulty, decision quality and consultation/GP characteristics in existing datasets
- To determine the relationship between decision time, decision difficulty, decision quality and consultation/GP characteristics in patient scenarios delivered using a web-based system
- To identify factors associated with high quality, evidence-based clinical decisions, and make recommendations for an intervention to support GPs in making these decisions

Current status
Completed

Key publications
McCleary, N, Ramsay, CR, Francis, J, Campbell, MK, Allan, J Perceived difficulty and appropriateness of decision making by General Practitioners: a systematic review of scenario studies. BMC Health Serv Res 2014;14:621

B.59

THISTLE: Improving intrapartum outcomes for mothers and babies in Scotland: a stepped-wedge RCT of an intrapartum emergencies training package in 15 Scottish maternity units

Investigators
Graeme MacLennan, Charis Glazener, Alison McDonald, Gladys McPherson, Andy Elders, HSRU; Prof Siladitya Bhattacharya, DAHS, University of Aberdeen; Prof Tim Draycott, Dr Dimitrios Siassakos, Dr Erik Lenguerrand, Dr Joanna Crofts, University of Bristol; Dr Robert Fox, Taunton & Somerset NHS Trust; Dr Pauline Lynch, NHS Tayside; Cathy Winter, Southmead Hospital; Prof Alan Cameron, NHS Greater Glasgow & Clyde

Source and amount of HSRU funding (total funding)
CSO £130,107 (£248,045)

Summary
Safety in labour is a priority for women, their families and the NHS. Over half of poor pregnancy outcomes in the UK could be prevented with better maternity care. A multi-professional and inexpensive maternity emergencies training course was developed in Bristol (PRactical Obstetric Multi-Professional Training - PROMPT). Its use was associated with continued local improvements in several clinically important new born outcomes in single maternity units.

THISTLE is a multi-centre Stepped-Wedge Randomised Controlled Trial (SW-RCT), funded by the CSO assessing if the implementation of an intrapartum emergencies training package (PROMPT) across a health service reduce the rate of Apgar <7 at 5 minutes, in term babies (excluding elective caesarean births).

The primary outcome measure is the proportion of infants born with a low Apgar score (score < 7 vs. ≥7) at 5 minutes for each vaginal or emergency caesarean term birth (≥37 weeks). The primary outcome will be evaluated at 36 months.

Current status
Ongoing

Key publications
Towards improvement in care delivery in Huntington’s disease (HD)

Investigators
Daniela Rae, HSRU; Zosia Miedzybrodzka, Clinical Genetics, University of Aberdeen; Jan Frich, University of Oslo; Monica Busse, Cardiff University; Martha Nance, Care Improvement committee Minnesota; Karen Sutherland, Scottish Huntington’s Association; Dina de Sousa, Michelle Wilson, Patient Reps

Source and amount of HSRU funding (total funding)
CSO/Huntington’s Disease Association Fellowship £182,007 (£182,007)

Summary
This project, which is jointly funded by the Chief Scientist Office (CSO) and the RS McDonald Trust, aims to address two issues of fundamental importance to understanding and improving the quality of care for people with HD. Firstly it will identify, explore and interpret key variations in care organisation and delivery in the early stages of HD. Secondly it will identify a set of core outcomes to support consistent evaluation of different care approaches in early HD. The research objectives are to: A) Identify, explore and compare structures, processes and strategies underpinning the organisation and delivery of care services in early stage HD; and B) Identify and develop a ‘core outcome set’ (COS) guided by the internationally agreed COMET framework.

Current status
Ongoing

Key publications
**B.61**

**Translation Research in a Dental Setting (TRIADS) programme**

**Investigators**
Craig Ramsay, HSRU; Jan Clarkson, University of Dundee

**Source and amount of HSRU funding (total funding)**
NHS Education for Scotland £120,000 (£120,000)

**Summary**
The TRIADS programme is funded by NHS Education Scotland to develop a multi-disciplinary research approach to translating dental guidance into practice.

For dentistry in Scotland, the production of clinical guidance is the responsibility of the Scottish Dental Clinical Effectiveness Programme (SDCEP). TRIADS is a multidisciplinary research collaboration, embedded within the SDCEP guidance development process, which aims to establish a practical evaluative framework for the translation of guidance and to conduct and evaluate a programme of integrated, multi-disciplinary research to enhance the science of knowledge translation.

The programme is now fully embedded into the SDCEP and forms the basis for all dental guideline development in Scotland. This is the first time any research grouping has embedded multi-disciplinary translational research into a guidance development programme.

Several translational research studies have been undertaken such as a cluster randomised trial investigating interventions to improve decontamination practice; a 1000 dentist randomised trial comparing a persuasive letter to increase the use of audit; and a national cluster randomised trial of different audit and feedback strategies to improve antibiotic prescribing practice.

The programme also held its first International Conference on Improving Quality in Health Care: translating evidence into practice, in Edinburgh on 7 Nov 2012.

**Current status**
Ongoing

**Key publications and presentations**


**Oral presentations**

There have been 17 presentations to date. A selection include:


Elders, A, Prior, M, Clarkson, J, Duncan, EM, Elouafkaoui, P, Ramsay, C, Young, L, TRiaDS Research Methodology Group. Using linked healthcare data to create a randomised controlled trial: The RAPiD Trial (Reducing Antibiotic Prescribing in Dentistry). *Exploiting Existing Data for Health Research, St Andrews University, 28-30 August 2013*


Elouafkaoui, P, Elders, A, Clarkson, J, Newlands, R, Prior, M, Ramsay, C, Young, L, TRiaDS Research Methodology Group. Using linked healthcare data to create a randomised controlled trial: The RAPiD Trial (Reducing Antibiotic Prescribing in Dentistry). *Scottish School of Primary Care Annual Conference, Cumbernauld, 29-30 April 2014*

B.62

Understanding experiences of recruiting and participating in the 100K Genomes Project

Investigators
Louise Locock, HSRU; Nick Mays (PI), LSHTM, Sara Ryan, University of Oxford, Sian Rees, Oxford AHSN

Source and amount of HSRU funding (total funding)
Department of Health £None (£608,290)

Summary
This is a qualitative study in collaboration with the University of Oxford and the London School of Hygiene and Tropical Medicine.

The aims are to:

- understand the motivation of people who agree to take part in genomics research; their experience of receiving information, giving consent and taking part; their attitudes to data sharing, governance and confidentiality and their views about feedback and use of their data for research and clinical care;
- understand why some people who are invited to take part in the 100,000 Genomes Project refuse to do so or withdraw;
- learn about the experiences of clinicians who ask people to take part in the Project.

https://www.phc.ox.ac.uk/research/health-experiences/current-modules/understanding-experiences-of-recruiting-for-and-participating-in-genomics-research

Current status
Ongoing

Publications and presentations
None
B.63

Understanding how NHS frontline staff use patient experience data for service improvement (US-PEx)

Investigators
Louise Locock (PI) HSRU; John Powell, Sue Ziebland, Sue Dopson, Ray Fitzpatrick, Trish Greenhalgh, Crispin Jenkinson, Elizabeth Gibbons, University of Oxford; Neil Churchill, NHS England; Sian Rees, Oxford AHSN; Jennifer Bostock, Lay partner; Melanie Gager, Royal Berkshire Hospitals NHS Foundation Trust; Chris Graham, Jenny King, Picker Institute

Source and amount of HSRU funding (total funding)
NIHR HS&DR £TBA (£786,867)

Summary
This NIHR Health Services and Delivery Research programme project aims to get a better understanding of how NHS frontline staff use different types of patient feedback to improve health services and develop tools to help them make better use of this data. It is based on 6 case studies in general medical wards in the NHS in England, combining ethnographic methods with a survey of patient experience. Wards are encouraged to design and implement quality improvement projects based on patient experience data, and are supported through learning community meetings. A toolkit for the NHS on how frontline NHS teams can best be supported to use different types of patient experience data will be produced in partnership with the Point of Care Foundation.

https://www.phc.ox.ac.uk/research/health-experiences/research-projects/making-better-use-of-patient-experience-data-for-health-service-improvement

Current status
Ongoing

Key publications
Coulter, A, Locock, L, Ziebland, S, Calabrese, J Collecting data on patient experience is not enough: they must be used to improve care. BMJ 2014;348:g225
Using self-administered health monitoring technologies to support the self-management of long-term conditions: a qualitative evidence synthesis

Investigators
Heather Morgan, HSRU

Source and amount of HSRU funding (total funding)
WT ISSF £21,244 (£21,244)

Summary
The number of people with chronic conditions is increasing, so finding new ways of providing effective and cost-efficient health services is becoming increasingly important. New health technologies might help, but little is known about how they are currently used, what works, how and why. This project will investigate how health services support people living with chronic conditions, like diabetes and asthma, by using apps and wearable devices, such as NHS couch to 5k, NHS Resp Assist, Fitbits, Jawbones, AppleHealth, etc. By gathering the evidence from within a global literature, the kinds of technologies and approaches that show promise, and the details around how they are used, will be reviewed and summarised. The findings of this research will then be shared with policymakers and commissioners at an interactive workshop to discuss potential strategies for taking health care forward. The project has a Twitter account @selfhealthtech where members of the public can follow progress and comment. Colleagues across a range of disciplines who are interested in new health technologies will work closely to develop a programme of research in this emerging area.

Current status
Completed

Key publications

Oral presentations
B.65

Understanding experiences of care

Investigators
Katie Gillies, Louise Locock, Vikki Entwistle HSRU

Source and amount of HSRU funding (total funding)
Multiple project funding

Summary
We design and deliver studies that explore participants and researchers experiences of many aspects of RCTs across a range of clinical areas and using a range of different methodologies. Some of these studies have been primary qualitative studies (using interviews, focus groups and non-participant observations) that have explored the following:

- patients experiences of the recruitment process;
- patients experiences of retention in trials;
- stakeholders (patients, trialists, research nurses, trial managers, ethics committee members) perceptions of how best to support informed decisions about trial participation and what outcomes matter for evaluation;
- development of measures of decision quality for RCT informed consent;
- trial site staff’s (consultants and research nurses) experiences of recruiting to RCTs;
- surgeons and methodologists perceptions and beliefs about expertise based RCTs;
- stakeholders’ beliefs and perceptions of placebo controlled surgery.

In addition to primary studies, we have also delivered a number of syntheses of qualitative studies exploring participant reported reasons for trial participation or drop-out.

Work in this area is actively ongoing across the portfolio of RCTs.

Current status
Ongoing

Key publications


B.66

Using behavioural approaches to optimise antibiotic stewardship in hospitals

Investigators
Craig Ramsay HSRU; Jeremy Grimshaw, Ottawa Health Research Institute; Peter Davey, University of Dundee

Source and amount of HSRU funding (total funding)
Research Council of Norway £38,171 (£38,171)

Summary
Antibiotic stewardship is seen as a key strategy to prevent antibiotic resistance and reduce healthcare associated infections. Led by HSRU, this Joint Programming Initiative for Antimicrobial Resistance funded international working group comprising world experts in antibiotic stewardship from UK, Canada, Norway, and Germany in partnership with experts in implementation science and behaviour change interventions aims to address the following: what behaviour change approaches can be recommended now to optimise hospital stewardship programmes; how can these programmes be designed to optimise implementation across countries; and what is the research agenda to optimise efficient implementation of hospital antibiotic stewardship programmes worldwide.

Current status
Ongoing

Key presentations
None
**Academic articles**

**Published**

**2012**


Hoddinott, P, Craig, L, MacLennan, G, Boyers, D, Vale, L, FEST Project Team. The FEeding Support Team (FEST) randomised, controlled feasibility trial of proactive and reactive telephone support for breastfeeding women living in disadvantaged areas. BMJ Open 2012;2(2):e000652

Hoddinott, P, Craig, L, MacLennan, G, Boyers, D, Vale, L, FEST Project Team. Process evaluation for the FEeding Support Team (FEST) trial of proactive telephone support for breastfeeding women living in disadvantaged areas. BMJ Open 2012;2:e001039


Kolehmainen, N, Francis, J, McKee, L, Duncan, EAS. Beliefs about responsibilities, the aims of therapy, and the structure of the therapy process: a qualitative study of caseload management issues in child health occupational therapy. *Child Care Health Dev* 2012;38(1):108-16

Kolehmainen, N, Francis, JJ. Specifying content and mechanisms of change in interventions to change professionals' practice: an illustration from the Good Goals study in occupational therapy. *Implement Sci* 2012;7(100):18 October


McSherry, LA, Dombrowski, S, Francis, J, Murphy, J, Martin, CM, O’Leary, JJ, Sharp, L, ATHENS Group. "It’s a can of worms": understanding primary care practitioners' behaviours in relation to HPV using the Theoretical Domains Framework. *Implement Sci* 2012;7(73):3 August 2012

Patey, AM, Islam, R, Francis, JJ, Bryson, GL, Grimshaw, JM, Canada PRIme Plus Team. Anaesthesiologists’ and surgeons’ perceptions about routine pre-operative testing in low risk patients: application of the Theoretical Domains Framework to identify factors that influence physicians’ decisions to order pre-operative tests. *Implement Sci* 2012;7(52):9 June 2012


Trewick, S, Barnett, K, MacLennan, G, Bonetti, D, Eccles, MP, Francis, J, Jones, C, Pitts, NP, Ricketts, I, Weal, M, Sullivan, F. E-mail invitations to general practitioners were as effective as postal invitations and were more efficient. *J Clin Epidemiol* 2012;65(7):793-9

2013


Easton, PM, Entwistle, VA, Williams, B. How the stigma of low literacy can impair spoken patient-professional interactions and affect health: insights from a qualitative investigation. *BMC Health Serv Res* 2013;13:319


McCleary, N, Duncan, EM, Stewart, F, Francis, J. Active ingredients are reported more often for pharmacologic than non-pharmacologic interventions: a systematic review of reporting practices in titles and abstracts. *Trials* 2013;14:146


Powell, R, McKee, L, King, PM, Bruce, J. Post-surgical pain, physical activity and satisfaction with the decision to undergo hernia surgery: a prospective qualitative investigation. *Health Psychol Res* 2013;1(2)


2014


Avenell, A, Mak, JCS, O’Connell, DL. Vitamin D and vitamin D analogues for preventing fractures in post-menopausal women and older men. *Cochrane Database of Systematic Reviews* 2014, Issue 4. DOI: 10.1002/14651858.CD000227.pub4


Gillies, K, Huang, K, Skea, Z, Brehaut, J, Cotton, S. Patient information leaflets (PILs) for UK randomised controlled trials: a feasibility study exploring whether they contain information to support decision making about trial participation. *Trials* 2014;15:62


MacLennan, G, McDonald, A, McPherson, G, Treweek, S, Avenell, A. Advance telephone calls ahead of reminder questionnaires increase response rate in non-responders compared to questionnaire reminders only: The RECORD Phone Trial. Trials 2014;15:13

McCleary, N, Ramsay, CR, Francis, J, Campbell, MK, Allan, J. Perceived difficulty and appropriateness of decision making by general practitioners: a systematic review of scenario studies. *BMC Health Serv Res* 2014;14:621


Metcalf, EL, Avenell, A, Fraser, A. Branched chain amino acid supplementation in adults with cirrhosis and porto-systemic encephalopathy: systematic review. *Clin Nutr* 2014;33(6):958-65


**2015**


Cook, JA, Elders, A, Boachie, C, Bassigna, T, Fraser, C, Altman, D, Boutron, I, Ramsay, CR, MacLennan, GS. A systematic review of the use of an expertise-based randomised controlled trial design. Trials 2015;16:241


Kazimierczak, KA, Skea, ZC. 'I've used the word cancer but it's actually good news': discursive performativity of cancer and the identity of urological cancer services. Social Health I1l 2015;37(3):340-54


Tandogdu, Z, Vale, L, Fraser, C, Ramsay, C. A systematic review of economic evaluations of the use of robotic assisted laparoscopy in surgery compared with open or laparoscopic surgery. *Appl Health Econ Health Policy* 2015;13:457-67


Van Engelen, B, OPTIMISTIC Consortium, [Treweek, S]. Cognitive behaviour therapy plus aerobic exercise training to increase activity in patients with myotonic dystrophy type 1 (DM1) compared to usual care (OPTIMISTIC). *Trials* 2015;16:224


2016


Bolland, M, Avenell, A, Gamble, GD, Grey, A. Systematic review and statistical analysis of the integrity of 33 randomized controlled trials. *Neurology* 2016;87(23):2391-402

Bolland, M, Avenell, A, Grey, A. Should adults take vitamin D supplements to prevent disease? *BMJ* 2016;355:i6201 doi: 10.1136/bmj.i6201


Fielding, S, Ogbuagu, A, Sivasubramaniam, S, MacLennan, G, Ramsay, C. Reporting and dealing with missing quality of life data in RCTs: has the picture changed in the last decade? *Qual Life Res* 2016;25(12):2977-83


Hubbard, G, O’Carroll, R, Munro, J, Mutrie, N, Haw, S, Mason, H, Treweek, S. The feasibility and acceptability of trial procedures for a pragmatic randomised controlled trial of a structured physical activity intervention for people diagnosed with colorectal cancer: findings from a pilot trial of cardiac rehabilitation versus usual care (no rehabilitation) with an embedded qualitative study. Pilot Feasibility Stud 2016;2:51


Madurasinghe, VW, Eldridge, S, MRC START Group, [Shuan Treweek]. Guidelines for reporting embedded recruitment trials. Trials 2016;17(27)


Morgan, HM, Thomson, G, Crossland, N, Dykes, F, Hoddinott, P. Combining PPI with qualitative research to engage ‘harder-to-reach’ populations: service user groups as co-applicants on a platform study for a trial. BMC Res Involve Engagem 2016;2:7


2017


Best, D, Avenell, A, Bhattacharya, S. How effective are weight-loss interventions for improving fertility in women and men who are overweight or obese? A systematic review and meta-analysis of the evidence. *Hum Reprod Update* 2017;23(6):681-705

Best, D, Avenell, A, Bhattacharya, S, Stadler, G. New debate: is it time for infertility weight-loss programmes to be couple-based? *Hum Reprod* 2017 URL: https://doi.org/10.1093/humrep/dex313 (published ahead of print)


Brown, RH. Social values and the corruption argument against financial incentives for healthy behaviour. *J Med Ethics* 2017;43(3):140-44


Campbell, MK. Do doctors have a duty to take part in pragmatic randomised trials? *BMJ* 2017;357: doi: https://doi.org/10.1136/bmj.j2817


Carstairs, SA, Marais, D, Craig, L, Kiezebrink, K. Factors influencing mothers’ decisions on whether to provide seafood during early years’ feeding: a qualitative study. *Appetite* 2017;108(1):277-87


Davis, JW, MacLennan, G. The BJU’s clinical trials initiative [editorial]. *BJU Int* 2017;119(4):503

Entwistle, V, Cribb, A, Owens, J. Why health and social care support for people with long-term conditions should be oriented towards enabling people to live well Health Care Anal 2017:DO1 10.1007/s10728-016-0335-1 (published ahead of print)


Goulao, B, Maclennan, G, Ramsay, C. The split-plot design was useful for evaluating complex, multi-level interventions but there is need for improvement in its design and report. J Clin Epidemiol 2017: https://doi.org/10.1016/j.jclinepi.2017.10.019 (published ahead of print)


Jansen, JO, Pallmann, P, MacLennan, G, Campbell, MK. Bayesian clinical trial designs: Another option for trauma trials? [editorial]. J Trauma Acute Care Surg 2017;83(4):736-41


Kennedy, A, Torgerson, D, Campbell, MK, Grant, A. Subversion of allocation concealment in a randomised controlled trial: a historical case study. Trials 2017;18:204


Polus, P, Pieper, D, Burns, J, Fretheim, A, Ramsay, C, Higgins, J, Mathes, T, Pfadenhauer, LM, Rehfuess, EA. Heterogeneity in application, design, and analysis characteristics was found for controlled before-after and interrupted time series studies included in Cochrane reviews. J Clin Epidemiol 2017;91:56-59


Rashid, MS, Cooper, C, Cook, J, Cooper, D, Dakin, SG, Snelling, S, Carr, AJ. Increasing age and tear size reduce rotator cuff repair healing rate at 1 year. Acta Orthop 2017;2017(88):6


Zwarenstein, M, Treweek, S, Loudon, K. PRECIS-2 helps researchers design more applicable RCTs while CONSORT Extension for Pragmatic Trials helps knowledge users decide whether to apply them. *J Clin Epidemiol* 2017;84:27-29
Accepted for publication (at 31 October 2017)

Bandholm, T, Christensen, R, Thorborg, K, Treweek, S, Henriksen, M. Preparing for what the reporting checklists will not tell you: the PREPARE Trial guide for planning clinical research to avoid research waste. Br J Sports Med 2017


Ma, C, Avenell, A. Effects of weight loss interventions for adults who are obese on mortality, cardiovascular disease and cancer: a systematic review and meta-analysis. BMJ 2017

Pickles, D, Entwistle, V. Primary goals, information-giving and men’s understanding: a qualitative study of Australian and UK doctors’ varied communication about PSA screening. BMJ Open 2017


Scotland, G, Cruickshank, M, Jacobsen, E, Cooper, D, Fraser, C, Shimonovich, M, Marks, A, Brazzelli, M. Multiple frequency bioimpedance devices for fluid management in people with chronic kidney disease having dialysis: A systematic review and economic evaluation. Health Technol Assess 2017

Submitted for publication (at 31 October 2017)


Jansen, JO, Moore, G, Wang, H, Morrison, J, Hutchinson, J, Campbell, MK. Quality improvement of trauma system configurations: analysis of the Colorado Trauma System. *J Trauma Acute Care Surg* 2017


Monographs, books and book chapters

Published

2012


2013


Entwistle, VA, Cribb, A. Enabling people to live well: fresh thinking about collaborative approaches to care for people with long term conditions. London: The Health Foundation; 2013


2014


2015

Efficient Trial Conduct Group, [McDonald, A]. UKCRC Registered CTU Network Report of survey of registered CTUs 2013. UKCRC Registered Clinical Trials Unit Network; 2015


2016


2017

HSRU reports published by the National Institute for Health and Clinical Excellence


Scotland, G, Hernandez, R, Robertson, C, Scott, N, Fraser, C. Radium-223 dichloride for treating hormone-relapsed prostate cancer with bone metastases (men who have not received docetaxel and for whom docetaxel is contraindicated or not suitable). ERG critique of the company submission for re-consideration of current CDF technologies under the new proposed CDF criteria. University of Aberdeen: Health Services Research Unit; 2016 URL: https://www.nice.org.uk/guidance/ta412/documents/committee-papers


Oral presentations – Invited

Presented

2012


Forrest Keenan, K. Sharing information with children and young people about genetic risk: a research study. European Huntington’s Disease Network Young Adult Working Group Meeting, Barcelona, February 2012.


Hamel, LM, McDermott, A, McKee, L, Flood, PC. Comparison of influence strategies utilised by institutions responsible for supporting quality and safety in hospitals in Ireland and Scotland. International Conference on Communication in Health Care, University of St Andrews, 4-7 September 2012.


Hoddinott, P. The FEST trial of telephone feeding support for babies discharged from neonatal units. Presentation to potential trial collaborators, Aberdeen Maternity Hospital, 29 May 2012.

Hoddinott, P. The FEST trial of telephone feeding support for babies discharged from neonatal units. Presentation to potential trial collaborators, Ninewells Hospital Maternity Unit, 18 June 2012.

Kolehmainen, N. Developing multifaceted interventions in rehabilitation: illustrations from caseload management and physical activity. McGill University, Montreal, February 2012.


Treweek, S, Barnett, K, MacLennan, G, Bonetti, D, Eccles, MP, Francis, JJ, Jones, C, Pitts, NB, Rickets, IW, Weal, M, Sullivan, F. Is an email invitation a more effective strategy for recruiting GPs than a postal invitation? *Scottish School of Primary Care Conference, Glasgow, April 2012.*

**2013**

Avenell, A. Recent evidence for the effects of calcium supplementation and vitamin D on cardiovascular disease and cancer. *Association for Clinical Biochemistry and Laboratory Medicine, Scottish Region, Edinburgh 7-8 November 2013.*
Avenell, A. What does the evidence tell us about optimal obesity service delivery for men? The ROMEO project (Review Of MEn and Obesity). Men’s Weight Management Steering Group, Manchester, 17 September 2013.

Carter, S, Entwistle, VA, Little, M. Are social marketing campaigns about weight paternalistic, and does it matter? Paternalism, Macquarie University, Australia, 8 November 2013.

Entwistle, VA. Health literacy and shared decision-making: thinking in terms of capabilities. Health literacy and shared decision-making, Newcastle University, 13 May 2013.


Kolehmainen, N. Rehabilitation research through the MRC complex interventions framework: illustrations from two projects in the UK. Hochschule für Gesundheit, Bochum, Germany, January 2013.

Kolehmainen, N. Using the MRC complex interventions framework and behavioural science to advance AHP interventions research. Institute of Health and Society, Newcastle University, Newcastle March 2013.

Lois, N. Diagnostic accuracy of OCT in the diagnosis and monitoring of nAMD. 13th International AMD and Retina Congress 2013.


Power, B, Kiezebrink, K, Campbell, M, Allan, J. Effects of workplace dietary and/or physical activity interventions targeting healthcare professionals: a systematic review with meta-analysis of randomised controlled trials. *ACERO Symposium, University of Aberdeen, 7 June* 2013.


2014


Campbell, MK. Teaching Statistics to meet the needs of policy makers. *Annual Burwalls Meeting for Teachers of Medical Statistics, Aberdeen 4 July* 2014.


Entwistle, VA. The capabilities approach in health services research. *3rd ICECAP Users' Workshop, Birmingham, 27-28 February* 2014.


Entwistle, VA. ‘Support for self-management’: what might this mean in cancer contexts? *SIGOPAC (British Psychological Society Special Interest Group on Psychology and Cancer) meeting, Liverpool, 6 November* 2014.


Forbes, G, Loudon, K, Trewick, S, Taylor, S, Eldridge, S. Designing primary care trials that are relevant to practice. *Scottish School of Primary Care Annual Conference, Cumbernauld, 29-30 April* 2014.


McKee, L. Quality and safety in the NHS: evaluating progress, problems and promise, from the sharp end to the blunt end and in between. *NHS Grampian Board Meeting, Aberdeen, 7 March* 2014.


Treweek, S. Football Fans in Training - presenting trial results to participants at Aberdeen FC. *Aberdeen Football Club, 6th February* 2014.

Treweek, S. Making the design and conduct of primary care trials more efficient. *Institute of Population Health monthly seminar, University of Manchester, 27 May* 2014.

Treweek, S. Writing Cochrane reviews that are more useful. *22nd Cochrane Colloquium, Hyderabad, 21-26 September* 2014.

2015


Brown, RCH. Equating ‘healthy’ and ‘unhealthy’ behaviour with ‘good’ and bad’ behaviour: moralising and public health promotion. *Shame and Stigma in Medicine, Dublin, 16 October* 2015.


Davidson, T. Lessons learned in trial management - the HARD way. *International Clinical Trials Methodology Conference, Glasgow, 16-17 November* 2015.


Entwistle, V. Re-visioning ‘support for self management’. *VELiM conversation [Centre for Values, Ethics and Law in Medicine], Sydney, 23 July* 2015.
Entwistle, V. Support for self-management: refreshing the concept to enhance its practical potential. *Seminar in practical philosophy, University of Gothenberg, 14 October 2015.*


Ramsay, CR. The role of implementation research in RCTs. *1st Clinical Trial Methodology Symposium, Dublin, September 2015.*

Treweek, S. Trial Forge and PRECIS-2: making trial design decisions that lead to the trial you think you are designing. *Centre for Public Health Seminar Series. Belfast, 1 May 2015.*

Treweek, S. Trial Forge: working together to improve trial efficiency. *School of Healthcare Sciences/Bangor CTU seminar series, University of Bangor, bangor, 15 September 2015.*


2016

Entwistle, V. Support for self-management: refreshing the concept to enhance its practical potential. *Centre for Population Health, Cardiff University, 2 February 2016.*
Fernie, G. Treatment of Advanced Glaucoma Study (TAGS) - the challenges of recruiting to an ophthalmic clinical trial in Scotland. Scottish Ophthalmology Trainee Research Network Meeting, Gartnavel General Hospital, Glasgow, 23 November 2016.


Treweek, S. The DECIDE project and moving from evidence to decisions using the evidence to decision framework. National Clinical Effectiveness Committee (NCEC), Dublin, 7th October 2016.

Treweek, S. The ethics of inefficiency International Symposium on the Ethics of 'Trials with Cohorts' (TwiCs), London 7-8 November 2016.


Treweek, S. Making trials more efficient: Trial Forge and how you can help. Seminar, Department of Psychology, University of Leeds, March 2016.

Treweek, S. Recruitment to clinical trials. 2nd Irish Trial Methodology Symposium, Cork, 24th October 2016.

Treweek, S. Trial Forge – building the evidence base for efficient trials. Seminar, Wessex Institute, University of Southampton, June 2016.

Treweek, S. Trial Forge and how to design an efficient trial. MRC Clinical Trials Unit at University College London Seminar, June 2016.


2017


Entwistle, V. How will we know if I’ve done a good job? The challenges of evaluating health care given a commitment to person-centredness. 6th OCHER workshop on Clinical Communication Research. Oslo, Norway, 11-13 January 2017.


Entwistle, V. Support for self-management among people with long-term conditions: re-formulating the concept to reflect and promote good practice. 6th OCHER workshop on Clinical Communication Research. Oslo, Norway, 11-13 January 2017.

Entwistle, V. Working well with less? Clinical ethics in contexts of diminishing financial resources. *International Conference on Clinical Ethics Consultation, Singapore, 24-27 May 2017.*

MacLennan, GS. Clinical relevance in trial design. *British Association of Urological Surgeons, Academic Section of Urology Meeting, London, 12-13 Jan 2017.*

Ramsay, C. Translation research in a dental setting (TRiaDS). *Advancing the science of audit and feedback: International meeting, Leeds, 6-7 June 2017.*

Ramsay, C, TRiaDS Methodology Group. Reducing antibiotic prescribing in dentistry (RAPiD). *Advancing the science of audit and feedback: International meeting, Leeds, 6-7 June 2017.*


Treweek, S. The ins and outs of studies within a trial (SWATs) and how they increase the evidence base for trial decision-making. *Seminar, Pragmatic CTU, Barts, University of London, 25 October 2017.*

Treweek, S. Making trials matter: using PRECIS-2 to match trial design to trial intent *Policlinique Médicale Universitaire, Lausanne, Switzerland, 26 January 2017.*

Treweek, S. Making trials more efficient: Trial Forge and how you can help. *Oxford University Clinical Trials Course, Oxford, 26 June 2017.*

Treweek, S. Relevance of the comparator to decision-makers *OBSSR, National Institute for Health, Washington, 12-13 April 2017.*

Treweek, S. Trial Forge, PRECIS-2 and how to design an efficient trial. *Seminar, Exeter Trials Unit, 25th April 2017.*

Treweek, S. Trial Forge, PRECIS-2 and how to design an efficient trial. *Seminar, Arthritis Research UK Primary Care Centre, University of Keele, 23 March 2017.*

Treweek, S. Trial Forge, PRECIS-2 and how to design an efficient trial. *Seminar, Birmingham CTU, University of Keele, 31 October 2017.*

Treweek, S. Trial Forge, PRECIS-2 and how to design an efficient trial. *UK Trial Managers’ Network Annual Meeting, London 10 October 2017.*


Treweek, S. Why Cochrane and reviewers should be making more noise about poor quality studies. *12th Annual Cochrane Ireland Conference, Galway, 26 May 2017.*
Accepted for Presentation (at 31 October 2017)


Treweek, S. Trial Forge, SWATs and how to improve the evidence-base for trial decision-making. *NIHR Evaluation, Trials and Studies Coordinating Centre, Southampton, 27 November 2017.*

Oral presentations - Not Invited

*Presented*

**2012**


Cook, JA, DELTA Group. DELTA. *Clinical Trials Unit Statisticians’ Meeting, Oxford, 11 May 2012.*


Ford, JA, MacLennan, G, Bolland, MJ, Grey, A, Avenell, A. Vitamin D supplementation prevents cardiac failure; MRC RECORD trial analysis, systematic review and meta-analysis. *American Heart Association, Los Angeles, 3-7 November 2012.*


Francis, JJ, Duncan, EM, MacLennan, G, Prior, ME, Cuthbertson, B, SuDDICU UK Study Group. Do elicitation studies really identify important beliefs? A test of the cognitive accessibility assumption in a multinational Delphi study set in critical care. *Annual Conference of the BPS Division of Health Psychology, Liverpool, 5-7 September 2012.*

Francis, JJ, Johnston, M, Abraham, C, Hardeman, W, Eccles, MP, Richardson, M, Michie, S. Development of a taxonomy to facilitate reporting of behaviour change techniques, the 'active ingredients' of behaviour change interventions. *Society for Behavioral Medicine, 33rd Annual Scientific Meeting, Miami, 20-23 May 2012.*


Gorner, JW, Kay, D, Kolehmainen, N, Camden, C. The F-words in childhood disability: Why is it so hard to do in the real world? *International Cerebral Palsy Conference, Pisa, October 2012*

Hoddinott, P, Craig, L, Sherriff, D, MacLennan, G. The Ffeeding Support Team (FEST) trial for breastfeeding women living in disadvantaged areas. *Scottish School of Primary Care Conference, Glasgow, April 2012.*


Kazimierczak, KA, Skea, ZC, MacLennan, SJ, N'Dow, J. Connecting research and practice in delivering information to people with urological cancers. *Health Services Research Network Symposium, Manchester, 19-20 June 2012.*

Kolehmainen, N. Managing caseloads efficiently, equitably and with focus on the family. *Chedoke Grand Rounds, McMaster Children's Hospital, Hamilton, Canada, April 2012.*


McCann, S, Campbell, M, Entwistle, VA. 'Conditional altruism' in trials: a qualitative study. *Maximising the value of combining qualitative research and randomised controlled trials, University of Sheffield, 21 November 2012.*
McCleary, N, Duncan, EM, Stewart, F, Francis, JJ. Which components of interventions are reported in titles and abstracts? A systematic review to compare reporting practices for pharmacologic and non-pharmacologic interventions. Society for Clinical Trials, 33rd Annual Meeting, Miami 20-23 May 2012.


Power, B, Kiezebrink, K, Campbell, M. Developing and piloting a workplace-based intervention for health professionals with weight problems. Treatment of Obesity conference, School of Psychology, University of Birmingham, 29 June 2012.


2013


Campbell, M, Francis, JJ, Duncan, EM, MacLennan, GS, Cuthbertson, BH, SuDDICU Study Group. When is a randomised controlled trial required: the theoretical domains framework approach. 2nd UK Clinical Trials Methodology Conference, Edinburgh, 18-19 November 2013.


Stewart, F, Fraser, C, Robertson, C, Archibald, D, Avenell, A. Are men difficult to find? Identifying sex-specific studies in MEDLINE and Embase. 21st Cochrane Colloquium, Quebec, 19-23 September 2013.


2014


Brown, RCH. Incentives for reproductive public health. MANCEPT workshops on political theory, Manchester, 8-10 September 2014.

Brown, RCH. Public health and the influence of incentives. 12th World Congress on Bioethics, Mexico City, 25-28 June 2014.


Entwistle, VA. The re-design of information for England’s breast screening program: reflections from an advisor. EACH, Amsterdam, 30 September 2014.


Hoddinott, P, Morgan, HM, Thomson, G, Crossland, N, Dombrowski, S. A ladder logic model to inform the design of incentive trials for women around childbirth. International Conference of Behavioural Medicine, Groningen, Netherlands, 20-23 August 2014.


Thomson, G, Morgan, HM, Crossland, N, Hoddinott, P. The unintended consequences of incentive provision. 11th International Conference on Urban Health, Manchester, 4-7 March 2014.

2015


Entwistle, V. Conceptualising ‘support for self-management’. Sharpening the cutting edge of bioethics in the UK, Newcastle, 18 June 2015.


2016


Beard, D, Price, A, Cook, J, MacLennan, G, Campbell, M, Davies, L, Murray, D. A multicentre randomised study comparing total or partial knee replacement – one year results of the TOPKAT trial. 17th European Society of Sports Traumatology, Knee Surgery & Arthroscopy Congress (ESSKA), Barcelona, 4-7 May 2016.


Constable, L, Davidson, T, McDonald, A, Foulkes, M, Norrie, J. What happens when a trial is interrupted? How to deal with suspension of randomisation and restart your trial. *Society for Clinical Trials, 37th Annual Meeting, Montreal, 25-18 May 2016.*


2017

Beard, D, Price, A, Cook, J, Fitzpatrick, R, Carr, A, Campbell, M, MacLennan, G, Davies, L, Murray, D. Total or partial knee replacement for medial osteoarthritis? Early results from the TOPKAT Trial. *International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine, 11th Congress, Shanghai, 4-8 June 2017.*


Entwistle, V. Working in less than ideal circumstances: how a capabilities approach can facilitate considerations of the appropriateness of health professionals’ support for people with long-term conditions. *50th Anniversary Conference of the Social Policy Association (Social inequalities: research, theory and policy). Durham, UK, 10-12 July 2017.*


Poster presentations

Presented

2012


Kazimierczak, KA, Skea, ZC, MacLennan, SJ. Role of professional guidance in supporting patient use of cancer information: findings from urological cancer services. *European Association for Communication in Healthcare*, St. Andrews, 4-7 September 2012.


Kolehmainen, N. Using shared goal setting to improve access, efficiency and health: the Good Goals intervention. *Allied Health Professions in Children & Young People’s Health Services (AHP CYP) Network Annual Meeting*, Edinburgh, October 2012

Kolehmainen, N, Bult, M, Ketelaar, M, Francis, J. Participation in leisure in children with physical disabilities: parents’ views. *UK Society for Behavioural Medicine, Annual Scientific Meeting*, Manchester, 10-11 December 2012


Kolehmainen, N, McAnuff, J. Feeling guilty, worried and inadequate: clinicians’ negative emotions about practice? *UK Society for Behavioural Medicine, Annual Scientific Meeting*, Manchester, 10-11 December 2012


Powrie, B, Copley, J, Missiuna, C, Turpin, M, Ziviani, J, Kolehmainen, N. Participation in leisure in children with physical disabilities: children’s views. *UK Society for Behavioural Medicine, Annual Scientific Meeting, Manchester, 10-11 December 2012*


Prior, M, Ramsay, C, Burr, JM, Campbell, SE, Che Hamzah, J, Jenkinson, D, Francis, JJ. Methods for using theoretical constructs to inform factor labels in an empirical structure: the example of the Aberdeen Glaucoma Questionnaire. *UK Society for Behavioural Medicine, Annual Scientific Meeting, Manchester, 10-11 December 2012*


**2013**


Constable, L, McDonald, A, Glazener, C. Developing effective and efficient study specific training to enable rapid study start up. *2nd UK Clinical Trials Methodology Conference, Edinburgh, 18-19 November 2013.*


Duncan, A, Lamont, T, Clarkson, J, Ramsay, C, IQuaD Study Group. We did it their way: flexible and robust patient recruitment to the IQuaD Trial. *2nd UK Clinical Trials Methodology Conference, Edinburgh, 18-19 November 2013.*

Forrest Keenan, K, McKee, L, Miedzybrodzka, Z. Young adults' experiences of predictive testing for Huntington’s disease: Preliminary findings from a qualitative study. *British Society for Genetic Medicine, Liverpool, 16-18 September 2013.*


Ismail, R, Azuara-Blanco, A, Ramsay, C. Clinical Outcome Measures Used in Glaucoma Randomised Controlled Trials (RCTs). *COMET meeting, Manchester, June 2013.*


The SCARLESS Study Group, [Ahmed A], [Krukowski Z], [McCormack K], [Cook JA], [McDonald A], [McPherson G], [MacLennan G], [Malik M], [Pflanz-Sinclair C], [Duncan A], [Collins D]. Single port/incision laparoscopic surgery compared with standard 3 port laparoscopic surgery for appendicectomy - a randomised controlled trial. International Surgical Congress of the Association of Surgeons of Great Britain and Ireland, Glasgow, 1-3 May 2013

Wileman, S. Streamlining the study start up process. 2nd UK Clinical Trials Methodology Conference, Edinburgh, 18-19 November 2013.

2014


Adam, E, McKee, L, Scott, L, Evans, J, Dijkhuizen, R. Re-configuring the design and delivery of unscheduled care services: a case study in quality improvement. Quality and Safety in Healthcare, Aberdeen, 27 May 2014.


Carstairs, SA, Kiezebrink, K, Marais, D, Craig, LCA. Fish ‘n’ kids: what are parents being told? *British Feeding and Drinking Group Annual Meeting, Portsmouth, 3-4 April 2014.*


2015

Avenell, A, Stewart, F, Robertson, C. Preventing and treating obesity – evidence for mismatch between disease burden, research funding and randomised controlled trials *Inaugural REWARD/EQUATOR conference, Edinburgh, 28-30 September 2015.*


Duncan, A, Bonetti, D, Clarkson, JE, Ramsay, C. Improving trial questionnaire response rates using behaviour change theory. 3rd International Clinical Trials Methodology Conference,, Glasgow, 16-17 November 2015.


Shearer, K, Bruhn, H, Duncan, A, Cotton, S, Treweek, S. Do trial managers know when sites will fail to recruit? Preliminary results from the estimating site performance study. *3rd International Clinical Trials Methodology Conference, Glasgow, 16-17 November 2015.*


2016


2017


Cotton, S, Duncan, A, Shearer, K, Bruhn, H, Treweek, S. Can trial managers predict whether sites will recruit to target or not? Results from the Estimating Site Performance (ESP) study. *Joint International Clinical Trials Methodology Conference & Society of Clinical Trials, 28th Annual Conference, Liverpool, 7-10 May 2017.*


Gardner, H, Gillies, K, Treweek, S. Perceptions and experiences of participant recruitment to trials: A qualitative interview study with trial stakeholders. *Global Evidence Summit, Cape Town, 13-17 September 2017.*


Innes, K, Gillies, K, Cotton, S, Campbell, MK. The importance of informational items in a Randomised Controlled Trial Participant Information Leaflet: A mixed method study. *Joint International Clinical Trials Methodology Conference (ICTMC) & SCT, Liverpool, 7-10 May 2017.*


Other presentations (Policy and Teaching)

Presented

Hoddinott, P, Britten, J, McInnes, R, Craig, L. Significant others, situations and infant feeding. *NHS Health Scotland Infant Feeding Advisors Seminar, Edinburgh, 20 February 2012.*

Fraser, C. Supporting academic research. *Perspectives on sourcing information on health and social care, NHS Scotland, Edinburgh 13 March 2013*

Fraser, C, Harbour, J. Search filters. *Health Improvement Scotland, Glasgow, 30 September 2013.*

McKee, L. Growing your institutional reputation: the balancing act - career transitions. *University of Aberdeen Principal Investigator Development Programme, Tor Na Coille, Banchory, 13-14 May 2013.*

McKee, L, Adam, E. Inter disciplinary health research. *Achieving Impact from your Research, University of Aberdeen, 30 April 2013.*


Entwistle, V. “You can try this treatment if…”. *NICE Citizens Council Meeting, Manchester, 11 November 2015.*


Keenan, KF, McKee, L, Miedzybrodzka, Z. Telling, testing and treating: Parents, children and young people’s views about FH. *FH Educational Event, Aberdeen Royal Infirmary, May 2015.*


Accepted for Presentation (at 31 October 2017)

**Final grant reports**


Kiezebrink, K, Avenell, A, Hoddinott, P, Witham, MD, Clarke, A, Coyne, J. Ways to intervene and support engagement of older adults weight loss study (WISE OWLS). *Final Grant Report submitted to*. University of Aberdeen: Health Services Research Unit; 2013

Skea, ZC, MacLennan, SJ, McCann, S, Kazimierczak, KA, N’Dow, J. Support groups for men who have prostate cancer, their families and friends: identifying best practice models. *Final grant report submitted to Prostate Cancer UK*. University of Aberdeen: Health Services Research Unit; 2013

The SCARLESS Study Group, [McCormack K], [Cook JA], [McDonald A], [McPherson G], [MacLennan G], [Pflanz-Sinclair C], [Duncan A], [Collins D]. Single port/incision laparoscopic surgery compared with standard 3 port laparoscopic surgery for appendicectomy - a randomised controlled trial. *Final grant report submitted to the Chief Scientist Office*. University of Aberdeen: Health Services Research Unit; 2013


Aucott, L, Philip, S, Avenell, A, Sattar, N, Wild, S. Patterns Of Weight Changes After Diagnosis In Patients With Type 2 Diabetes And Their Relationship With Metabolic and Cardiovascular Outcomes. *Final grant report submitted to the Chief Scientist Office*. University of Aberdeen: Health Services Research Unit; 2014

**Theses**

Adewuyi, T. Accounting for all randomised cases: handling non-compliance and missing data in surgical trials. University of Aberdeen: Health Services Research Unit; 2012
Unrefereed articles, letters, book reviews and other publications

Abrahamsen, B, Avenell, A, Bolland, M, Rejnmark, L, MacLennan, GS, MacDonald, HM, Grey, A.  A pooled analysis of vitamin D dose requirements for fracture prevention [commentary]. BMJ BoneKey 2013;256:Doi:10.1038/bonekey.2012.256


Morgan, HM  Will fitness trackers damage our relationships with our doctors? The Conversation 2015 https://theconversation.com/will-fitness-trackers-damage-our-relationships-with-our-doctors-52611


Goulao, B, MacLennan, GM. Mindfulness-based stress reduction for veterans with PTSD [letter]. *JAMA* 2016;315(1):87-88


Kilonzo, M. Gallstones: wait and see or treat? *HERU Policy Briefing* 2016
URL: https://www.abdn.ac.uk/heru/documents/Policy_Briefs/HERU_PB_April_2016.pdf

URL: https://www.abdn.ac.uk/heru/documents/Policy_Briefs/HERU_PB_February_2017.pdf
APPENDIX 3
EXTERNAL PROFESSIONAL COMMITMENTS
2012-2017
## Editorships and editorial responsibilities

<table>
<thead>
<tr>
<th>Journal</th>
<th>Staff</th>
<th>Role</th>
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<tbody>
<tr>
<td>Cochrane Effective Practice and Organisational Care Group</td>
<td>Craig Ramsay</td>
<td>Statistical Editor</td>
</tr>
<tr>
<td>Cochrane Diagnostic Test Accuracy Editorial Board</td>
<td>Miriam Brazzelli</td>
<td>Editorial Board Member</td>
</tr>
<tr>
<td>Cochrane Effective Practice and Organisation of Care Group</td>
<td>Jemma Hudson</td>
<td>Statistical Editor</td>
</tr>
<tr>
<td>Cochrane Stroke Group</td>
<td>Miriam Brazzelli</td>
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<tr>
<td>Cochrane Urology Group</td>
<td>Mari Imamura</td>
<td>Contact Editor</td>
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<tr>
<td>EC Dental Science</td>
<td>Rumana Newlands</td>
<td>Editorial Panel Member</td>
</tr>
<tr>
<td>Implementation Science Journal</td>
<td>Craig Ramsay</td>
<td>Member of Editorial Board</td>
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<tr>
<td>Patient Education &amp; Counselling</td>
<td>Vikki Entwistle</td>
<td>Guest Editor: special issue EACH 2012</td>
</tr>
<tr>
<td>Trials</td>
<td>Shaun Treweek</td>
<td>Senior Editor</td>
</tr>
<tr>
<td>UK Trial Managers Network Guide</td>
<td>Alison McDonald</td>
<td>Chair of Editorial Board (update to version 5)</td>
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## Committee service and role

### Regional, national and international research committees

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<tr>
<th>Organisation</th>
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<tr>
<td>A study of sense-making Strategies and help-seeking behaviours associated with use and provision of urgent care services, University of Southampton</td>
<td><strong>Louise Locock</strong></td>
<td>SSC member</td>
<td>2016-2018</td>
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<tr>
<td>Carnegie Trust for Universities in Scotland</td>
<td><strong>Vikki Entwistle</strong></td>
<td>Member of peer review panel</td>
<td>2015, 2016, 2017</td>
</tr>
<tr>
<td>Chief Scientist Office, Health Improvement, Protection and Services Committee (funding committee)</td>
<td><strong>Shaun Treweek</strong></td>
<td>Chair</td>
<td>Chair since 2017</td>
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<td></td>
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<td>Vice Chair since 2012</td>
</tr>
<tr>
<td>College Ethics Review</td>
<td><strong>Eilidh Duncan</strong></td>
<td>Board Member</td>
<td>2017 to date</td>
</tr>
<tr>
<td>ConDUCt Hub (Bristol) external review committee</td>
<td><strong>Shaun Treweek</strong></td>
<td>Member</td>
<td>2015 to date</td>
</tr>
<tr>
<td>Cross-border Healthcare Intervention Trials in Ireland Network (CHITIN) Evaluation Panel</td>
<td><strong>Shaun Treweek</strong></td>
<td>Member</td>
<td>2018</td>
</tr>
<tr>
<td>CSO Health Services and Public Health Personal (HSP) Fellowship schemes</td>
<td><strong>Lorna Aucott</strong></td>
<td>Panel Member</td>
<td>2014-2015</td>
</tr>
<tr>
<td>Evaluation of Patient and Family Centred Care (PFCC) as improvement intervention, St George’s, University of London</td>
<td><strong>Louise Locock</strong></td>
<td>SSC member</td>
<td>2016-2018</td>
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<tr>
<td>Fractures and Bisphosphonates: A double-blind, randomised controlled trial on the effect of alendronic acid on healing and clinical outcomes of wrist fractures (FaB Trial)</td>
<td><strong>Craig Ramsay</strong></td>
<td>Member</td>
<td>2012-2016</td>
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<tr>
<td>Project Description</td>
<td>Chair Name</td>
<td>Role</td>
<td>Duration</td>
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<td>Gastric banding versus gastric bypass for morbid obesity (BY-BAND trial)</td>
<td>Craig Ramsay</td>
<td>Chair</td>
<td>Ongoing</td>
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<tr>
<td>Health Research Board (Ireland)</td>
<td>Vikki Entwistle</td>
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<td>2013</td>
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<td>INDEX project (developing guidance for intervention development), University Of Sheffield</td>
<td>Louise Locock</td>
<td>Expert Panel Member</td>
<td>2016-2018</td>
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<tr>
<td>Institute Applied Health Sciences Research Committee</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2014-2017</td>
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<td>Institute Applied Health Sciences Senior Management Committee</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2016 to date</td>
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<tr>
<td>Mamalita Charity (SCIO)</td>
<td>Miriam Brazzelli</td>
<td>Charity Trustee</td>
<td>2017 to date</td>
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<tr>
<td>Minimally invasive and Open procedures for oesophagectomy (ROMIO trial)</td>
<td>Craig Ramsay</td>
<td>Chair</td>
<td>Ongoing</td>
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<tr>
<td>MRC</td>
<td>Vikki Entwistle</td>
<td>Strategic skills fellowships panel member</td>
<td>2009-2013</td>
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<td>MRC</td>
<td>Vikki Entwistle</td>
<td>Chair for Methodology Research Fellowships</td>
<td>2010-2013</td>
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<tr>
<td>MRC CTU @UCL</td>
<td>Katie Gillies</td>
<td>Advisory Group Member</td>
<td>2017-2018</td>
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<tr>
<td>MRC-NPPI TSC: Development and stage 2 RCT with internal pilot of a weight loss maintenance intervention for initially obese adults after clinically significant weight loss</td>
<td>Shaun Treweek</td>
<td>Chair</td>
<td>2013-2016</td>
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<tr>
<td>National Institute of Health Research (NIHR) Clinical Trials Fellowships Panel</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2017 to date</td>
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<tr>
<td>National Institute of Health Research (NIHR) Clinical Trials Unit Standing Advisory Committee</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2014-2017</td>
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<td>Trial/Society</td>
<td>Chair/Member</td>
<td>Start/End</td>
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<tr>
<td>NIHR ACL-SNNAP Trial TSC: trial of rehabilitation versus surgical reconstruction for non-acute anterior cruciate ligament (ACL) injury</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2016 to date</td>
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<tr>
<td>NIHR ACTIVE trial DMC: External frame versus internal locking plate for articular pilon fracture fixation</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2017 to date</td>
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<tr>
<td>NIHR DMC: Determining the Impact of Smoking Point of Sale Legislation Among Youth (DISPLAY) Study</td>
<td>Shaun Treweek</td>
<td>Chair</td>
<td>2014-2016</td>
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<tr>
<td>NIHR-EME Low-dose atropine eye drops to reduce progression of myopia in children: a multi-centre placebo-controlled randomised trial (CHAMP)</td>
<td>David Cooper</td>
<td>Data Monitoring Committee Member</td>
<td>2018 to date</td>
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<tr>
<td>NIHR Health Services &amp; Delivery Research Board</td>
<td>Marion Campbell</td>
<td>Deputy Chair</td>
<td>2012-2015</td>
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<tr>
<td>Lorna Aucott</td>
<td>Panel Member</td>
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<tr>
<td>Louise Locock</td>
<td>Board Member</td>
<td>2014-2018</td>
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<tr>
<td>NIHR HSDR POPPI trial DMC: trial of nurse-led preventative psychological intervention for critically ill patients</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2014 to date</td>
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<tr>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2017 to date</td>
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<tr>
<td>NIHR HTA PARAMEDIC-2 trial DMC: trial of role of prehospital adrenalin in cardiac arrest</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2014 to date</td>
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<td>NIHR HTA trial of the LUCAS mechanical compression/decompression device trial DMC</td>
<td>Marion Campbell</td>
<td>Chair</td>
<td>2012-2014</td>
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<tr>
<td>Project Description</td>
<td>Chair/Member</td>
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<td>NIHR INCLUSIVE trial DMC – cluster randomised controlled trial of a multi-component universal school-based intervention to reduce aggressive behaviours in adolescents</td>
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<td>2016 to date</td>
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<td>NIHR REST trial DMC: trial of protective ventilation with veno-venous lung assist in respiratory failure</td>
<td>Marion Campbell</td>
<td>2016 to date</td>
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<td>NIHR Systematic Review Fellowship Panel</td>
<td>Miriam Brazzelli</td>
<td>2016 to date</td>
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<td>NIHR trial A feasibility and acceptability study of the Talking With Voices intervention amongst adults with psychosis</td>
<td>Jemma Hudson</td>
<td>2018</td>
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<td>NIHR TSC: Follow-up study for the Football Fans in Training (FFIT) trial long-term follow-up</td>
<td>Shaun Treweek</td>
<td>2015-2017</td>
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<tr>
<td>NIHR TSC: Is 20 Plenty for Health? Evaluation of the 20mph speed limit networks in Edinburgh and Belfast on a range of public health outcomes</td>
<td>Shaun Treweek</td>
<td>2017 to date</td>
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<td>NIHR TSC: Preoperative Behavioural Intervention for Risky Drinkers before elective orthopaedic Surgery</td>
<td>Shaun Treweek</td>
<td>2016 to date</td>
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<td>NORSES</td>
<td>Suzanne Breeman</td>
<td>2013 to date</td>
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<td>North of Scotland Research Ethics Committee 2</td>
<td>Hanne Bruhn</td>
<td>2009 - 2017</td>
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<td>North of Scotland Research Ethics Committee 2</td>
<td>Hanne Bruhn</td>
<td>2018 to date</td>
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<td>Pragmatic Clinical Trials Unit external review committee</td>
<td>Shaun Treweek</td>
<td>Chair</td>
<td>2017 to date</td>
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<td>Member since 2013</td>
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<tr>
<td>Robotic versus laparoscopic resection for rectal cancer (ROLARR trial)</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2010-2015</td>
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<tr>
<td>Royal Society of Edinburgh Fellows Selection Committee for Biomedical and Cognitive Sciences</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2014-2017</td>
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<td>StereoTactic radiotherapy for wet Age-Related macular degeneration (STAR)</td>
<td>Craig Ramsay</td>
<td>Chair</td>
<td>Ongoing</td>
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<td>Strategies to increase, confidence, independence and energy (STRIDE trial)</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2011-2016</td>
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<td>STOP GAP Trial</td>
<td>Alison McDonald</td>
<td>DMC member</td>
<td>2010-2013</td>
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<td>The TRECA study: Trials Engagement in Children and Adolescents, University of York</td>
<td>Louise Locock</td>
<td>SSC member</td>
<td>2016-2019</td>
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<td>UK NIHR TARVA trial TSC - Total Ankle Replacement Versus Ankle Arthrodesis trial</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2014 to date</td>
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### Committee service and role

#### Regional, national and international professional and advisory committees

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<th>Organisation</th>
<th>Staff</th>
<th>Role</th>
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<tr>
<td>2nd UK Clinical Trials Methodology Conference Scientific Programme committee</td>
<td>Marion Campbell</td>
<td>Co-chair</td>
<td>2013</td>
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<tr>
<td>Abstract Committee, 3rd International Clinical trials Methodology Conference</td>
<td>Craig Ramsay</td>
<td>Member</td>
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<td>Abstract Committee for the Cochrane Colloquium</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2012-2013</td>
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<td>Clinical Guidelines Methodology Subgroup of Ireland’s National Clinical Effectiveness Committee</td>
<td>Shaun Treweek</td>
<td>Member</td>
<td>2016 to date</td>
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<tr>
<td>Clinical Trial Methodology Conference</td>
<td>Alison McDonald</td>
<td>Scientific Committee member</td>
<td>2013</td>
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<td>Cochrane Collaboration Risk of Bias working group</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2010 to date</td>
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<td>Cochrane Collaboration Statistical Methods Group</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>1998 to date</td>
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<td>ECMONet International Steering Group</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2017 to date</td>
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<td>Edinburgh Clinical Trials Management Course</td>
<td>Suzanne Breeman</td>
<td>Faculty member</td>
<td>2011 to date</td>
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<tr>
<td>Edinburgh Clinical Trials Management Course</td>
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<td>Faculty member</td>
<td>2012-2015</td>
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<td>Organization</td>
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<td>Evidence Directorate Research Strategy Group, Health Improvement Scotland</td>
<td>Craig Ramsay</td>
<td>Committee member</td>
<td>2015 to date</td>
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<tr>
<td>Evidence Review Committee, Scottish Health Technologies Assessment Group,</td>
<td>Craig Ramsay</td>
<td>Committee member</td>
<td>2015 to date</td>
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<td>Health Improvement Scotland</td>
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<tr>
<td>Faculty of Public Health</td>
<td>Vikki Entwistle</td>
<td>Member of Standing Ethics Committee</td>
<td>2017 to date</td>
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<tr>
<td>Health Research Authority</td>
<td>Katie Gillies</td>
<td>National Research Ethics Advisory Panel</td>
<td>2017 to date</td>
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<tr>
<td>Health Technology Assessment unit of the Health Information and Quality</td>
<td>Craig Ramsay</td>
<td>Expert advisory panel member</td>
<td>2011-2012</td>
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<td>Authority in Dublin</td>
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<tr>
<td>HTMR Trial Conduct Working Group</td>
<td>Alison McDonald</td>
<td>Member</td>
<td>2013 to date</td>
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<tr>
<td>ICR (The Institute of Clinical Research)</td>
<td>Samantha Wileman</td>
<td>Member</td>
<td>2007 to date</td>
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<tr>
<td>International Network for Feminist Approaches to Bioethics</td>
<td>Vikki Entwistle</td>
<td>Member of Advisory Board Co-co-ordinator</td>
<td>2014-2018</td>
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<td>Joint British Society for Antimicrobial Chemotherapy/Hospital Infection</td>
<td>Craig Ramsay</td>
<td>Committee member</td>
<td>2010-2016</td>
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<tr>
<td>Society Working Party on Optimization of Antibiotic Prescribing in Hospitals</td>
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<td>Leeds Institute of Clinical Trials Research External Advisory Board</td>
<td>Marion Campbell</td>
<td>Deputy Chair</td>
<td>2016 to date</td>
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<td>Methodology Group for the Scottish Improvement Science Centre</td>
<td>Craig Ramsay</td>
<td>Chair</td>
<td>2014 to date</td>
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<td>Organization</td>
<td>Name</td>
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<td>MRC Hubs for Trials Methodology Research International Advisory Board</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2015 to date</td>
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<td>NHS Scotland</td>
<td>Vikki Entwistle</td>
<td>National Health Literacy Action Group</td>
<td>2011 to date</td>
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<tr>
<td>NICE Diagnostics Methods Working Group</td>
<td>Craig Ramsay</td>
<td>Member</td>
<td>2009 to date</td>
</tr>
<tr>
<td>Public Health England</td>
<td>Vikki Entwistle</td>
<td>Member of Expert Panel on Communication about cancer screening</td>
<td>2012-2013</td>
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<tr>
<td>Research Quality Association</td>
<td>Samantha Wileman</td>
<td>Associate Member</td>
<td>2008 to date</td>
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<td>Royal Statistics Society Since 1984</td>
<td>Lorna Aucott</td>
<td>Highland Group Secretary</td>
<td>2015 to date</td>
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<td>Scottish Medicines Consortium</td>
<td>Graham Scotland</td>
<td>Committee member</td>
<td>2015 to date</td>
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<tr>
<td>Society for clinical trials</td>
<td>Lynda Constable</td>
<td>Education Committee Member</td>
<td>2014 to date</td>
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<tr>
<td>Society for clinical trials</td>
<td>Lynda Constable</td>
<td>Education Committee Co-Chair</td>
<td>2017-2018</td>
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<td>Society for clinical trials</td>
<td>Lynda Constable</td>
<td>Webinar Committee Chair</td>
<td>2017-2018</td>
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<td>Society for clinical trials</td>
<td>Lynda Constable</td>
<td>Chair Education Committee</td>
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<td>SCT/ICTMC 2017 conference committee</td>
<td>Shaun Treweek</td>
<td>Education Committee co-chair</td>
<td>2016-2017</td>
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<td>SCT/ICTMC joint meeting</td>
<td>Lynda Constable</td>
<td>Education Committee Member</td>
<td>2016</td>
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<tr>
<td>Society for clinical trials Programme Committee</td>
<td>Suzanne Breeman</td>
<td>Committee member</td>
<td>2014 – 2015</td>
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<tr>
<td>Society for Clinical Trials</td>
<td>Alison McDonald</td>
<td>Member of the Board of Directors</td>
<td>2013-2017</td>
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<tr>
<td>Organization/Committee</td>
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<td>Society of Clinical Trials “Trial of the Year” Award Committee</td>
<td>Marion Campbell</td>
<td>Member</td>
<td>2015-2017</td>
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<tr>
<td>TRIADS (Translating Research in Applied Dental Settings) advisory committee</td>
<td>Craig Ramsay</td>
<td>Co-Chair</td>
<td>2008 to date</td>
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<tr>
<td>UK Clinical research collaboration Efficient Trial Conduct Group</td>
<td>Alison McDonald</td>
<td>Member</td>
<td>2012-2017</td>
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<tr>
<td>UK Clinical research collaboration Network QA forum</td>
<td>Samantha Wileman</td>
<td>CHaRT QA representative</td>
<td>2010 to date</td>
</tr>
<tr>
<td>UK Trial managers network Working Group</td>
<td>Alison McDonald</td>
<td>Member</td>
<td>2012 to date</td>
</tr>
<tr>
<td>University of Aberdeen Senate</td>
<td>Miriam Brazzelli</td>
<td>Member of the Senate</td>
<td>2017 - 2020</td>
</tr>
<tr>
<td>World Congress on Feminist Approaches to Bioethics</td>
<td>Vikki Entwistle</td>
<td>Conference co-chair</td>
<td>2016</td>
</tr>
</tbody>
</table>
APPENDIX 4
CAPACITY BUILDING HIGHLIGHTS
### Student Achievements 2011 to 2017

<table>
<thead>
<tr>
<th>Award</th>
<th>Name</th>
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<tbody>
<tr>
<td>PhD</td>
<td>Sharon Carstairs (2017)</td>
</tr>
<tr>
<td></td>
<td>Heather Cassie (2015)</td>
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<tr>
<td></td>
<td>Jude Frankau (2013)</td>
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<tr>
<td></td>
<td>Rosemary Golding (2017)</td>
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<tr>
<td></td>
<td>Jemaima che Hamzah (2012)</td>
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<tr>
<td></td>
<td>Rehab Ismail (2016)</td>
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<tr>
<td></td>
<td>Jan Jansen (2017)</td>
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<tr>
<td></td>
<td>Nicola McCleary (2016)</td>
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<td></td>
<td>Gladys McPherson (2012)</td>
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<td></td>
<td>Heather Morgan (2013)</td>
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<tr>
<td></td>
<td>Rumana Newlands (2017)</td>
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<td></td>
<td>Brian Power (2016) – won Dame Barbara Clayton Award for Innovation 2017</td>
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<tr>
<td>MD</td>
<td>Wendy Craig (2013)</td>
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<tr>
<td>MSc</td>
<td>John Ford (2012 – Distinction and awarded Best Thesis)</td>
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<tr>
<td></td>
<td>Daniela Rae (2013 – Distinction)</td>
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<td></td>
<td>Kath Starr (2014 – Distinction)</td>
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<td></td>
<td>Fiona Stewart (2014 – Distinction)</td>
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<td></td>
<td>Karen Innes (2016 – Elizabeth Russell Prize for Research)</td>
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<tr>
<td></td>
<td>Kathryn Machray (2016 – Elizabeth Russell Prize for Research)</td>
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<tr>
<td></td>
<td>Maureen Heddle (2016)</td>
</tr>
<tr>
<td></td>
<td>Jane Brady (2017)</td>
</tr>
<tr>
<td></td>
<td>Maeve Coyle (2017)</td>
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<td></td>
<td>Fernanda Dias da Silva (2017)</td>
</tr>
</tbody>
</table>

### Student supervision highlights

**BSc Med Sci**

Staniszewska, Aleksandra Kazimiera
Medical & Dental Defence Union of Scotland Prize (awarded for the best BSc Med Sci thesis) and the Emad El-Omar Prize for Academic Development.

Adrianna Klejnotowska
The Association of Physicians Intercalated Degree Project Prize and the Reproductive Science Prize. Also presented her work at the British Society for Colposcopy and Cervical Pathology 2017 Annual Scientific Meeting, and was awarded the prize for the best Oral presentation.
Sam Ma

**Staff Awards and achievements - 2011 to 2017**

NIH (National Institutes of Health) Training Institute for Dissemination & Implementation Research workshop – **Niina Kolehmainen**, July 2012, San Jose, California, USA

Election to the Fellowship of the Royal Society of Edinburgh (RSE) – **Marion Campbell**, 2013

Award of Academician of the Academy of Social Sciences – **Lorna McKee**, 2013

Inducted as a Fellow of the Society of Clinical Trials (SCT) – **Marion Campbell**, 2013

Inducted as a Fellow of the Society for Clinical Trials (SCT) – **Alison McDonald**, 2014

CMH New Generations Programme (funded by the AHRC and led by Centre for Medical Humanities, Durham University – to develop the future leaders of medical humanities) – **Rebecca Brown**, August 2014

Appointed to the Board, Huntington’s Disease Youth Organisation – **Karen Forrest Keenan**, December 2014

Principal’s Prize for Public Engagement with Research, Outstanding Achievement, Early Career Award, (University of Aberdeen) – **Heather Morgan**, June 2015

Scottish Crucible participant – **Heather Morgan**, 2015

Inducted as a Fellow of the Society for Clinical Trials (SCT) – **John Norrie**, 2015

Principal’s Prize for Public Engagement with Research, Winner, Early Career Award, (University of Aberdeen) – **Heather Morgan**, May 2016

Principal’s Prize for Public Engagement with Research 2017, Outstanding Achievement, Early Career Award – **Heather Morgan**, 2017

Appointed to the Board of directors for the Society of Clinical Trials – **Lynda Constable**, June 2016

The Queen’s Anniversary Award for sustained excellence in health services research, November 2017

Appointed as Chair of the Chief Scientist Office Health Improvement, Protection and Services Research (HIPS) Committee – **Shaun Treweeke**, January 2018
**Highlights of workshops led by HSRU**

ECTMC 2012 - Start Up workshop and two other facilitated workshops (TMs). NHS and University delegates, including international. *Alison McDonald and Seonaidh Cotton*

SCT 2012 - Trial and Site Management for Multi-Center Trials. *Alison McDonald*

A review of Scottish and Irish healthcare policy: understanding the development and enactment of the quality and safety agenda through international benchmarking. HORNET Research Workshop, Heriot-Watt University. *Lorna McKee*

NHS Scotland, Edinburgh, March 2013. Supporting academic research. Perspectives on sourcing information on health and social care. *Cynthia Fraser*

Inter Disciplinary Health Research, University of Aberdeen, April 2013. Achieving Impact from your Research. *Lorna McKee and Elaine Adam*

Men’s Weight Management Steering Group – 20 leaders of men’s weight management services, 2013. *Alison Avenell*

University of Aberdeen Principal Investigator Development Programme, May 2013. Growing your Institutional Reputation: The balancing act - career transitions. *Lorna McKee*

ECTMC 2013 - Start Up workshop and two other facilitated workshops (TMs). NHS and University delegates, including international. *Alison McDonald*


ECTMC 2014 - Start Up workshop and two other facilitated workshops (TMs). NHS and University delegates, including international. *Alison McDonald*

International Workshop Series/ Intensive Educational Programme - Fellowship visit to University of Cologne, 2014. *Lorna McKee*

RPSiS Training Workshop, December 2015. *Mags Watson*

Researcher Workshop – mixed methods systematic reviewing, 2015. *Heather Morgan*

Researcher Workshop - archiving and analysing social media data, 2015. *Heather Morgan*

The capabilities approach in health services research. 3rd ICECAP Users’ Workshop, Birmingham. *Vikki Entwistle*

Using an evidence-based template to produce consumer versions of guidelines, 2015. *Shaun Treweek*


Aberdeen Royal Infirmary Educational Event, May 2015. Telling, testing and treating: Parents, children and young people’s views about FH. *Karen Keenan and Lorna McKee*

Medication Safety - New Zealand Hospital Pharmacist Association Conference, Napier, New Zealand, August 2015. *Mags Watson*
HENS (Health Economics Network for Scotland) Edinburgh, October 2015. Identifying economic evaluation studies. Identifying, appraising and applying health economics evidence for public health. **Cynthia Fraser**

Concept SSM Workshops 1 to 5, 2015. **Vikki Entwistle**

Young Researchers Using Statistics Symposium 2016, June 2016. **Beatriz Goulao and Jemma Hudson**

DTA Workshop for Healthcare Improvement Scotland, 2016. **Miriam Brazzelli, Graham Scotland, David Cooper**

International Social Pharmacy Workshop (ISPW) Conference July 19th - 22nd, 2016. Improving pharmacy practice: education, evidence and change. This is the first time the biennial conference has been held in Scotland. **Mags Watson**

NHS Grampian R&D CTU Workshop: Who we are and what we do. **CHaRT Senior Team**, August 2016

EHPS European Health Psychology Society and British Psychological Society Division of Health Psychology Conference 2016. Conference – 23 August 2016. Workshop Title: Design and conduct of high quality large scale randomised controlled trials (RCT) of behaviour change interventions. **CHaRT Senior Team**

ECTMC 2016 - Start Up workshop and two other facilitated workshops (TM). NHS and University delegates, including international. **Suzanne Breeman and Seonaidh Cotton**

HENS (Health Economics Network for Scotland) Edinburgh, November 2016. Identifying health economic evaluation. Identifying, appraising and applying health economics evidence for public health. **Cynthia Fraser**

NHS Grampian R&D Workshop, Grant preparation and submission, November 2016. **Ruth Thomas and Kirsty McCormack**.


**Selection of events co-hosted by HSRU**


10th International Organisational Behaviour in Healthcare Conference. 4th - 6th April 2016

Digital health event hosted by Heather Morgan at the Wellcome Trust: ‘What is the evidence for apps and wearables? New health technologies for chronic conditions. April 2016

“Hot topics in Health Services Research” HSRU Conference. June 2016


