



National Institute for
Health Research

Developing a Patient and public Involvement intervention to enhance Recruitment and Retention In UK Surgical Trials (PIRRIST)

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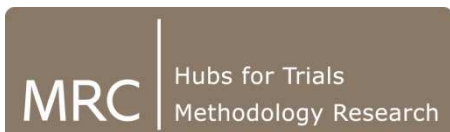
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NUFFIELD DEPARTMENT OF
PRIMARY CARE
HEALTH SCIENCES



Definition of PPI

“PPI contributors”



Background: PPI

- **Valuable** but needs **rigorous evaluation** (Snape *et al.* 2014; INVOLVE 2014)
- **A recruitment & retention intervention** worth evaluating (Bower *et al.* 2014)
- Can improve recruitment of research participants, but evidence largely limited to **qualitative** studies (Brett *et al.* 2014; Esmail *et al.* 2015, Jagosh *et al.* 2012)
- **Surgical trials** are a fertile ground for quantitative evaluation...



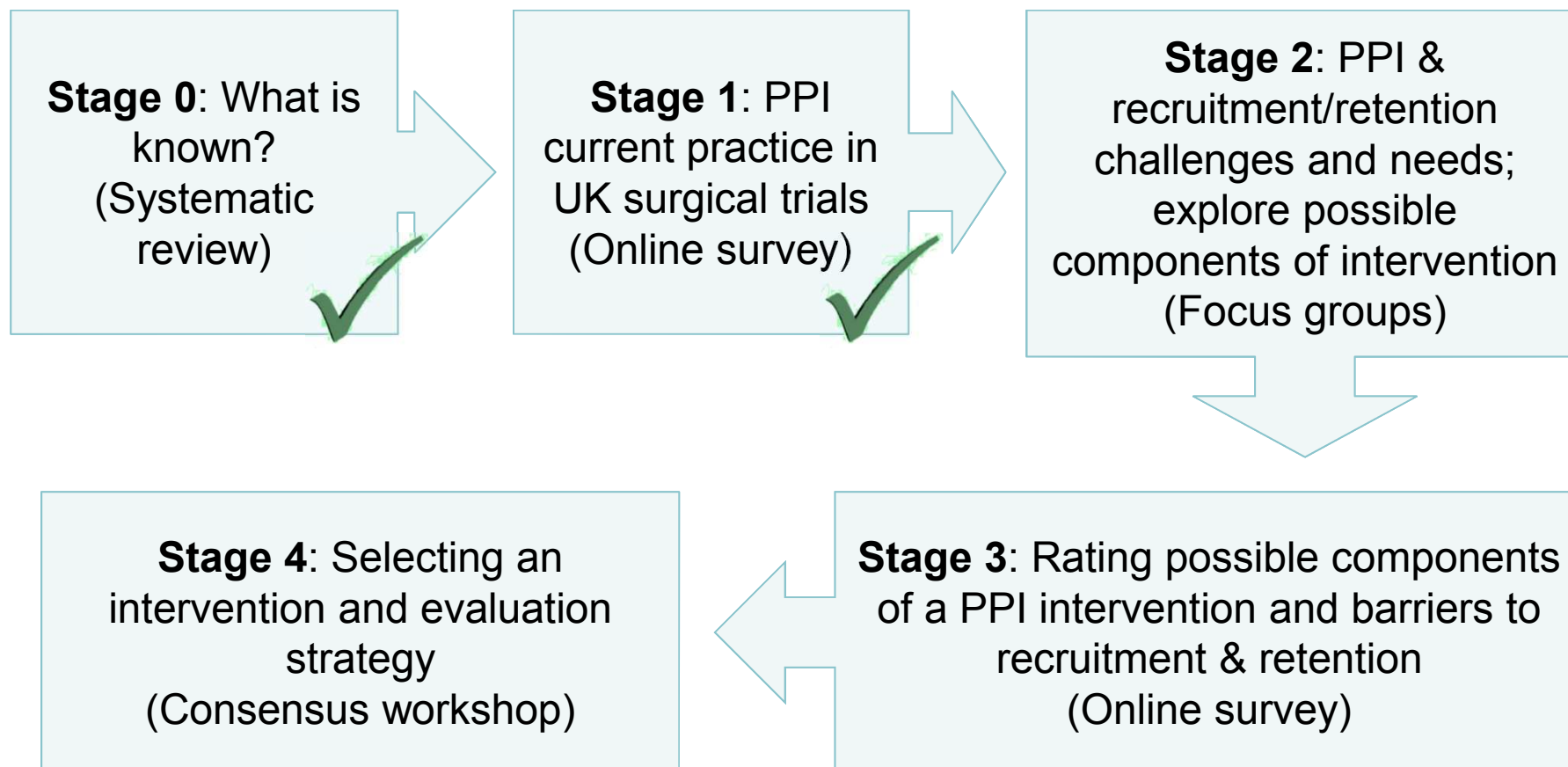
Aim



To **develop a PPI intervention** aimed at improving recruitment and/or retention in surgical trials

- Helping to develop our understanding of **whether** and **how** PPI might improve recruitment and retention in clinical trials;
- Leading to a mixed methods study to **implement** and **evaluate** the PPI intervention in UK surgical trials.

Developing the PPI intervention



Stage 1: Survey aims

To identify and describe current PPI practices and attitudes in UK-based surgical trials, including:

- PPI roles, activities and characteristics
- Resources and support for PPI
- Reasons for doing or not doing PPI
- Beliefs about PPI and its impact



Survey methods



- Active, UK-led trials of surgical interventions or other interventions in adult surgical patients
 - In set up
 - Open to recruitment
 - Closed to recruitment and in follow-up
- Identified via national database of clinical studies and surgical trial centres
- Personalised email invitations

Respondents

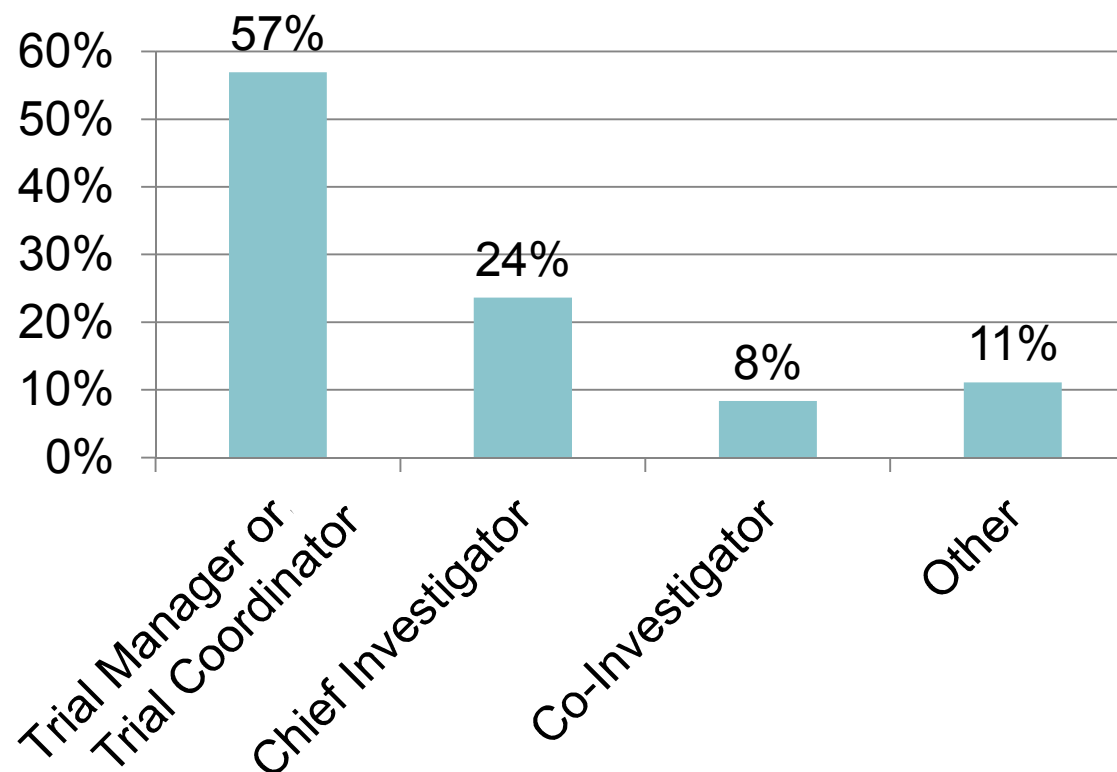
Eligible trials
identified & invited
129



Participated in
survey
72 (59%)

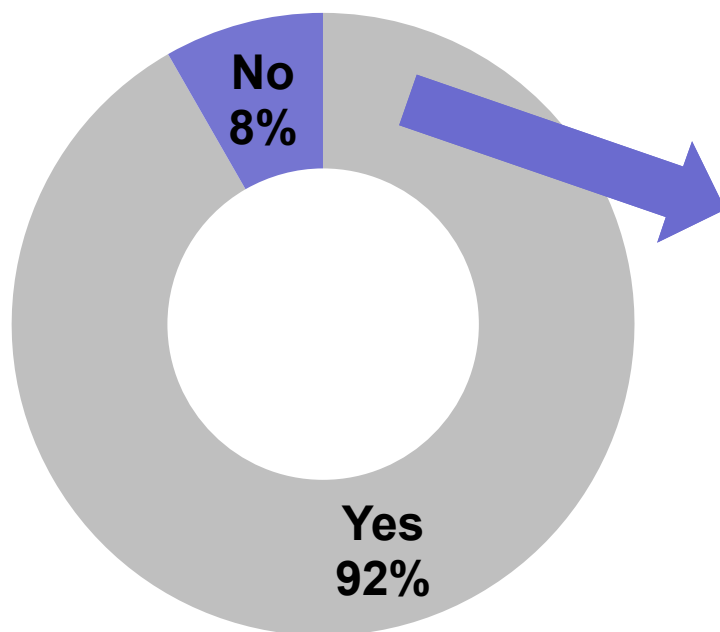


Survey respondents



Results

Q: Is there, or has there been, any PPI in this trial? (n=72)



What was the reason for not including PPI in the trial? (n=6)

Not a requirement when trial was set up (n=4)

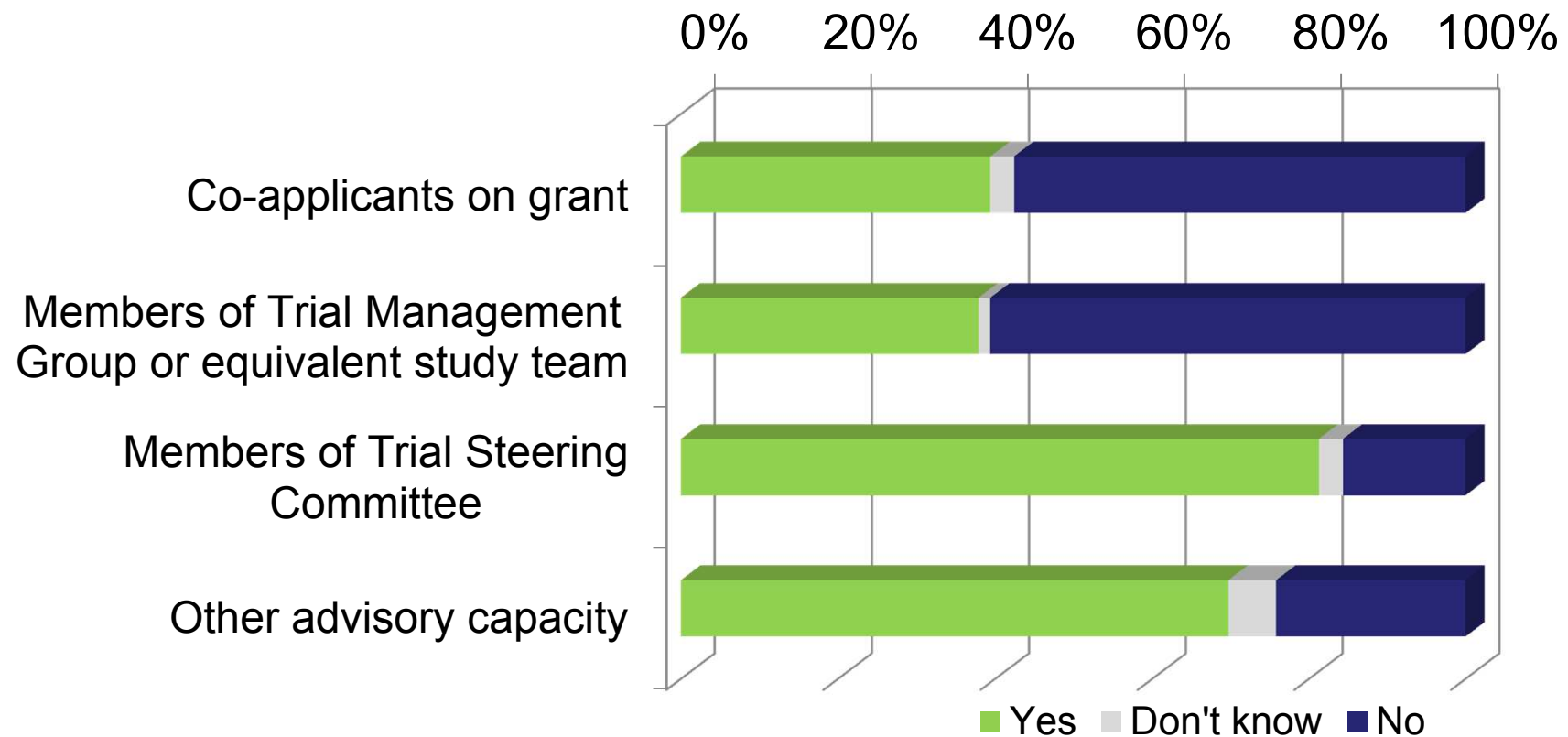
Unlikely to improve trial (n=3)

Don't know (n=2)

Unable to recruit PPI contributors (n=1)

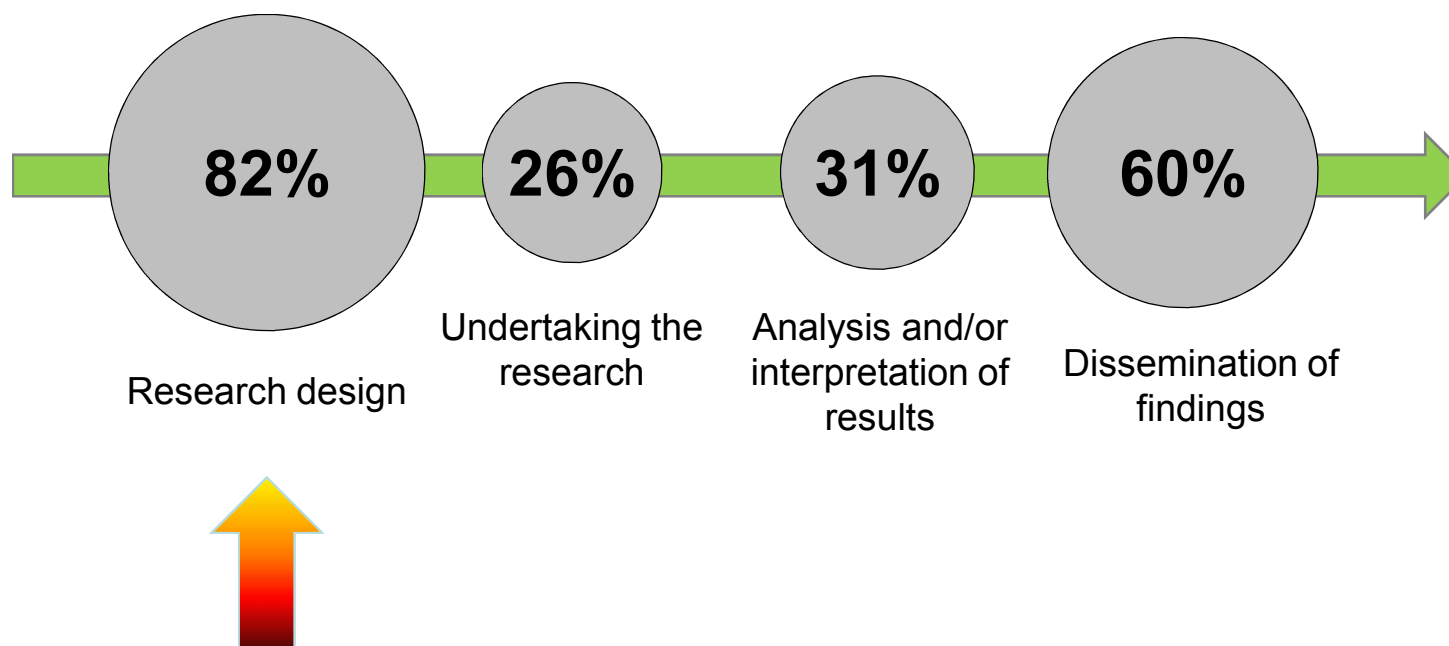
Results

PPI roles within UK surgical trials (n=66)



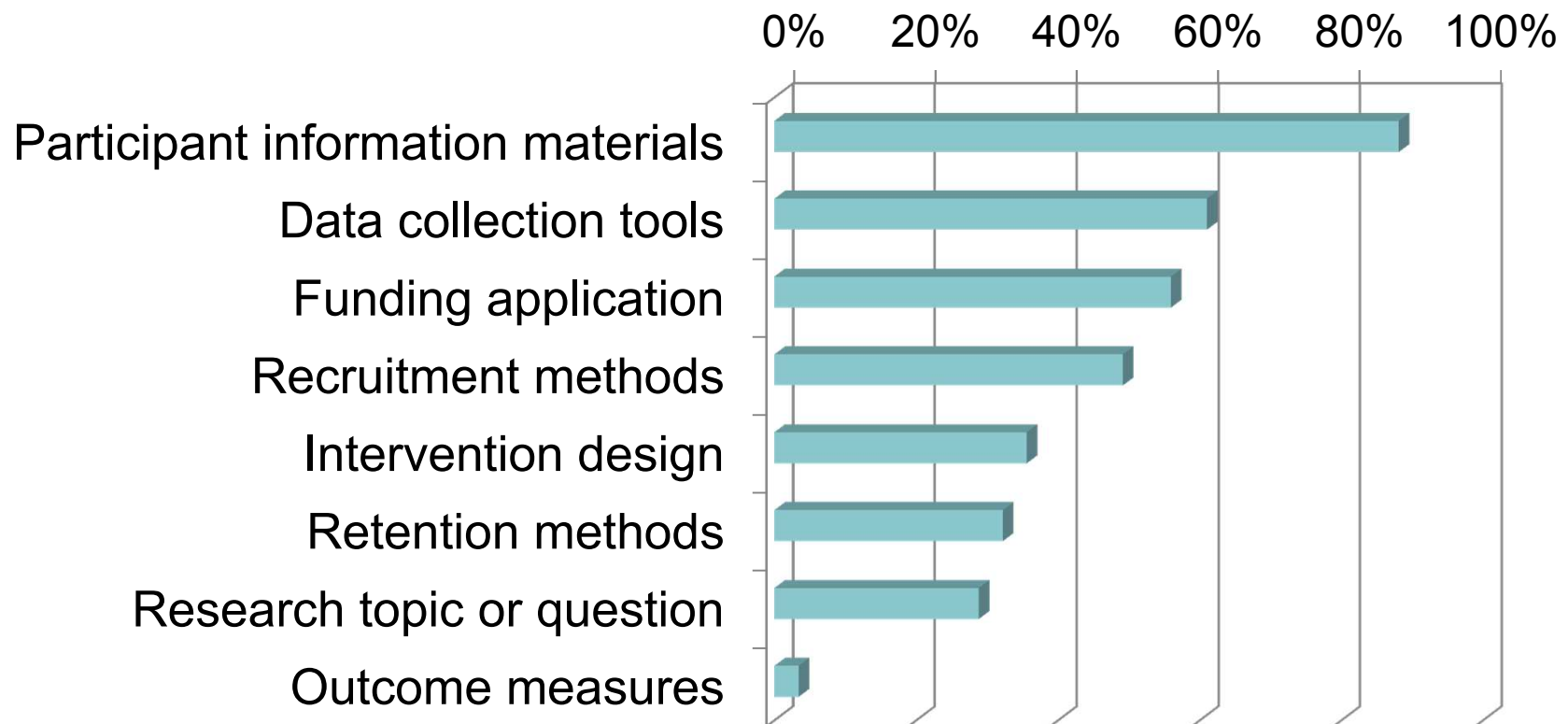
Results

Q: In which aspects of the research process have you actively involved, or will you involve, patients, service users, and/or their carers, or members of the public? (n=66)



Results

Q: Which aspects of research design? (n=59)



Conclusion



- PPI has become **normal practice** for UK surgical trials
- Most commonly:
 - at **beginning & end** of trial lifecycle
 - in **oversight** or **advisory** roles
 - in developing **participant information materials**
- Findings will inform development of robust **PPI intervention** for surgical trials ('PIRRIST' study)

Thank you

- **Participants**
- **Project team**
 - Richard Bulbulia (Surgical Lead/Consultant Vascular Surgeon, University of Oxford)
 - Jennifer Bostock (Lay Partner)
 - Louise Bowman (Acting Director of MRC CTSU Hub for Trials Methodology Research, University of Oxford)
 - Alan Chant (Patient Partner)
 - Jonathan Cook (Associate Professor, University of Oxford)
 - Nicola Farrar (Clinical Research Administrator, University of Oxford)
 - Sophie Petit-Zeman (Director of Patient Involvement, NIHR Oxford BRC & U)
 - Louise Locock (Associate Professor and Director of Applied Research, Health Experiences Research Group, University of Oxford)
 - Sian Rees (Director of Health Experiences Institute, University of Oxford)
 - Shaun Treweek (Chair in Health Services Research, University of Aberdeen)
 - Kerry Woolfall (Research Fellow, University of Liverpool)
- **Collaborators and advisors** (expertise in PPI, trial methodology and surgical research)
- **Funders:** NIHR Oxford Biomedical Research Centre & Network of MRC Hubs for Trials Methodology Research

Study website: www.situ.ox.ac.uk and search 'PIRRIST'

