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Clinical
Trials
Unit

Smarter Studies
Global Impact
Better Health



UCL

MAMS platform protocols: Patient engagement in STAMPEDE and beyond

Professor Matthew Sydes

MRC CTU at UCL

Institute of Clinical Trials and Methodology

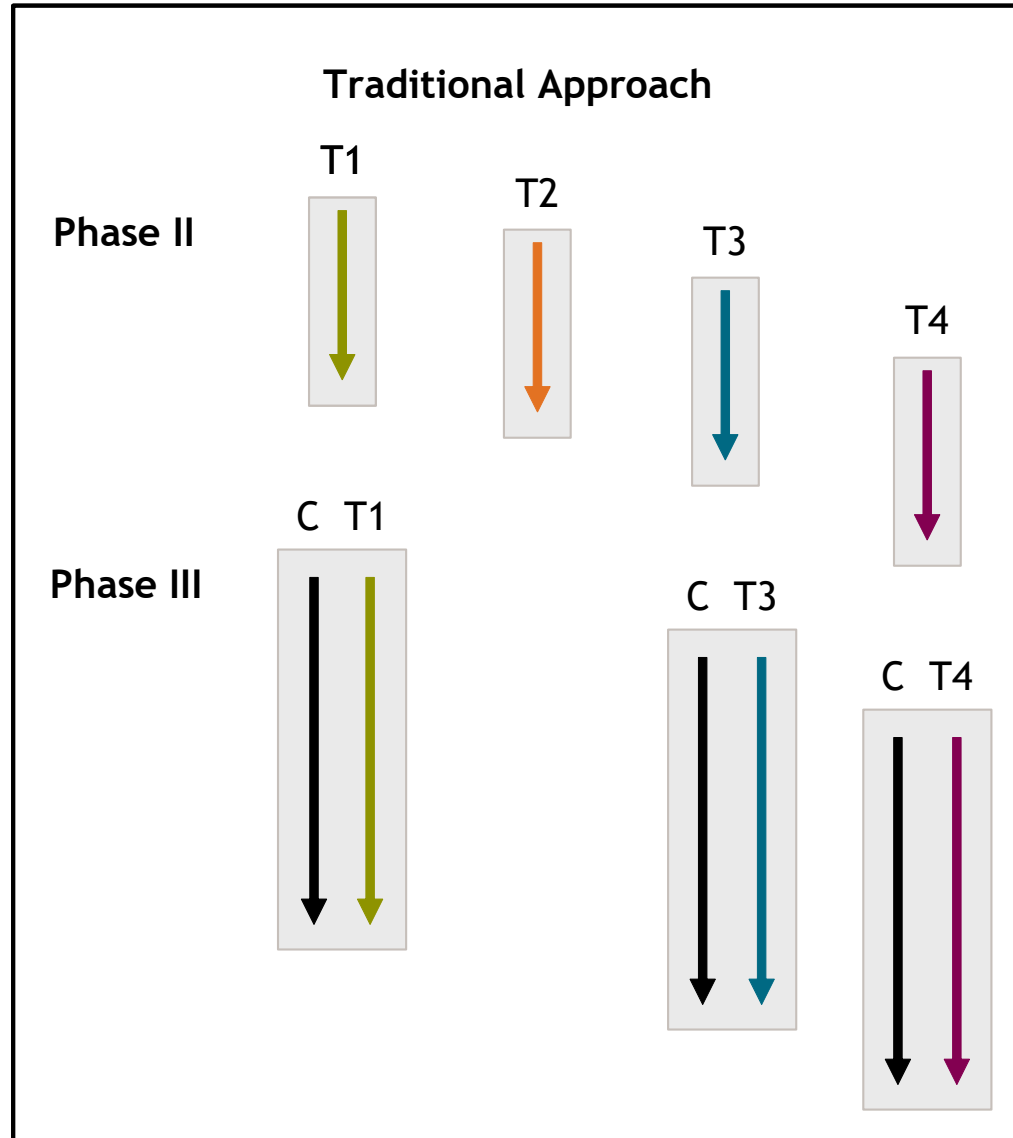
London, UK

Patient Engagement Open Forum
09-Dec-2021 (Version 2.00)

Need For New Approaches To Design

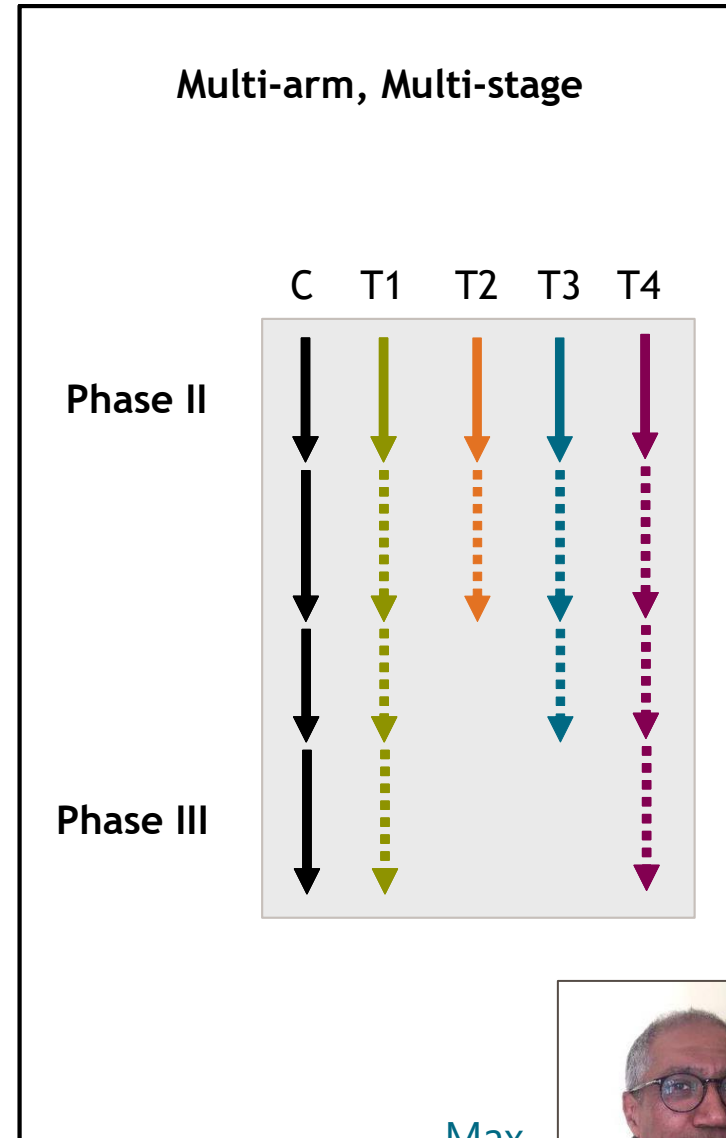
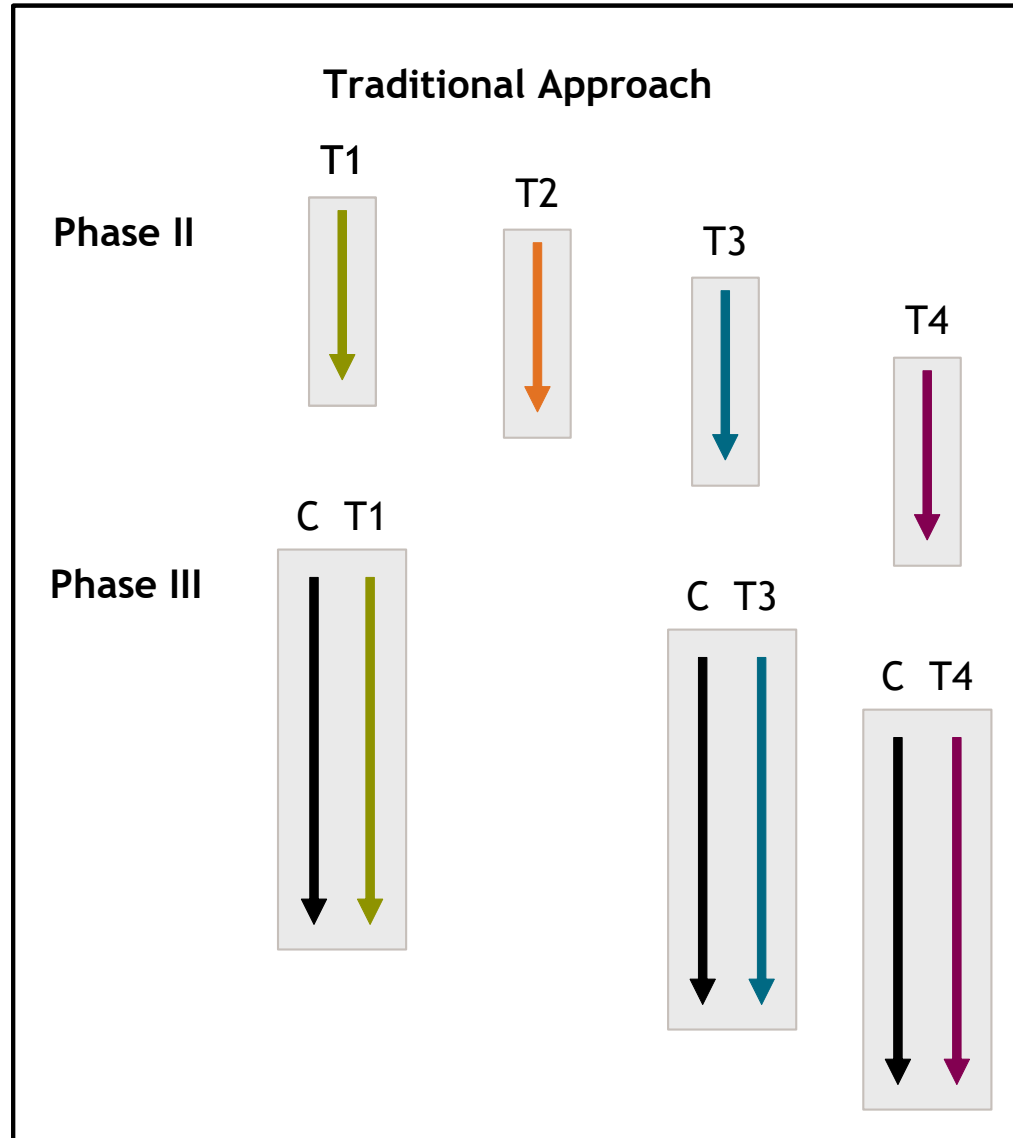
- Many approaches worthy of testing
- Each take years to confirm clinical benefit (if any!)
- Traditional designs don't cope well

Need For New Approaches To Design



- Many approaches worthy of testing
- Each take years to confirm clinical benefit (if any!)
- Traditional designs don't cope well

Need For New Approaches To Design



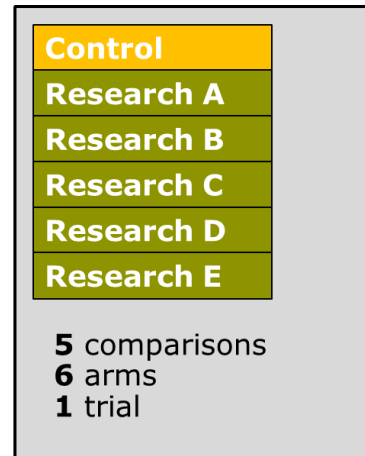
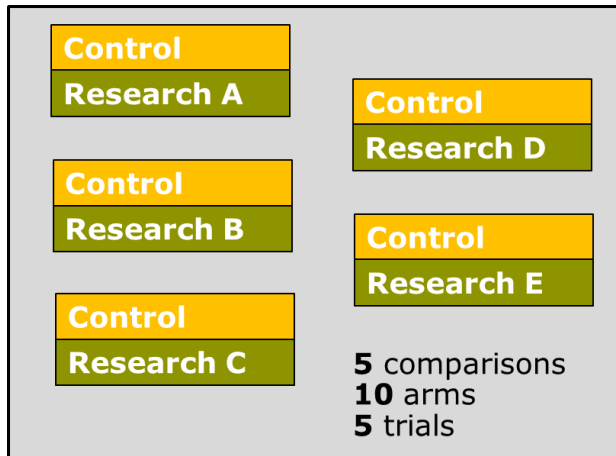
Max Parmar



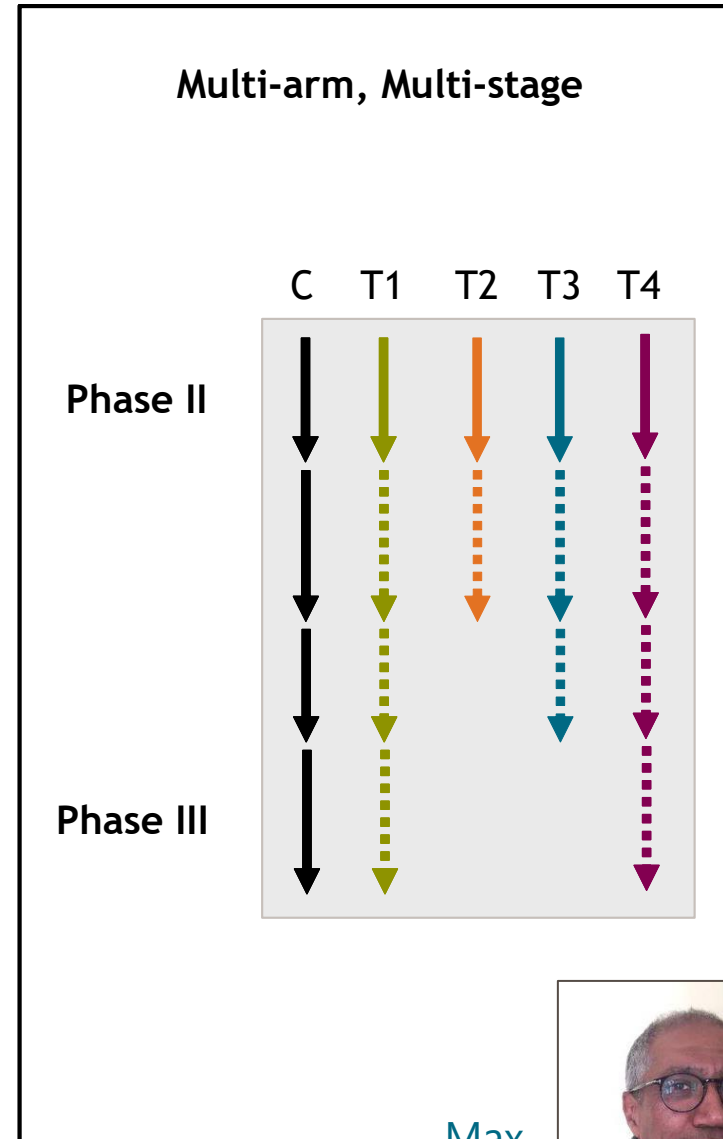
Multi-Arm Multi-Stage (MAMS) Approach

Multi-arm

- Test many relevant approaches



- Use fewer resources
- Cost per comparison is much less
- Less bureaucracy



Max
Parmar



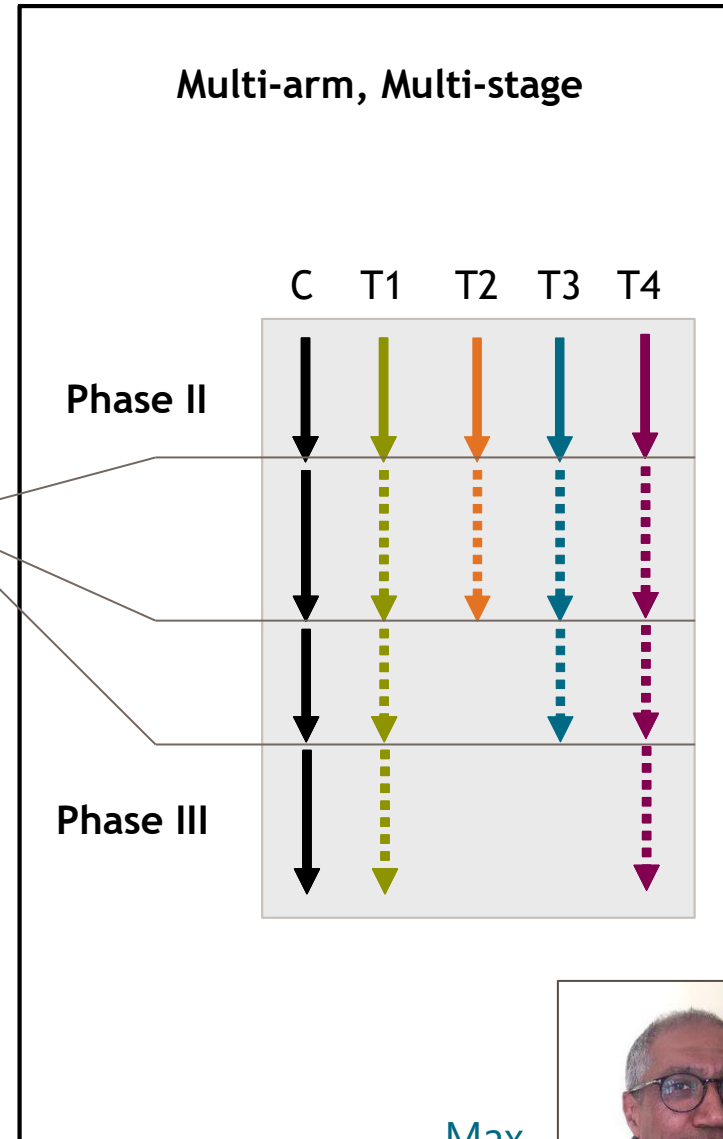
Multi-Arm Multi-Stage (MAMS) Approach

Multi-arm

- Test many relevant approaches

Multi-stage

- Using interim lack-of-benefit analyses
- Ask if reasons to *continue to investigate* an approach?



Max
Parmar



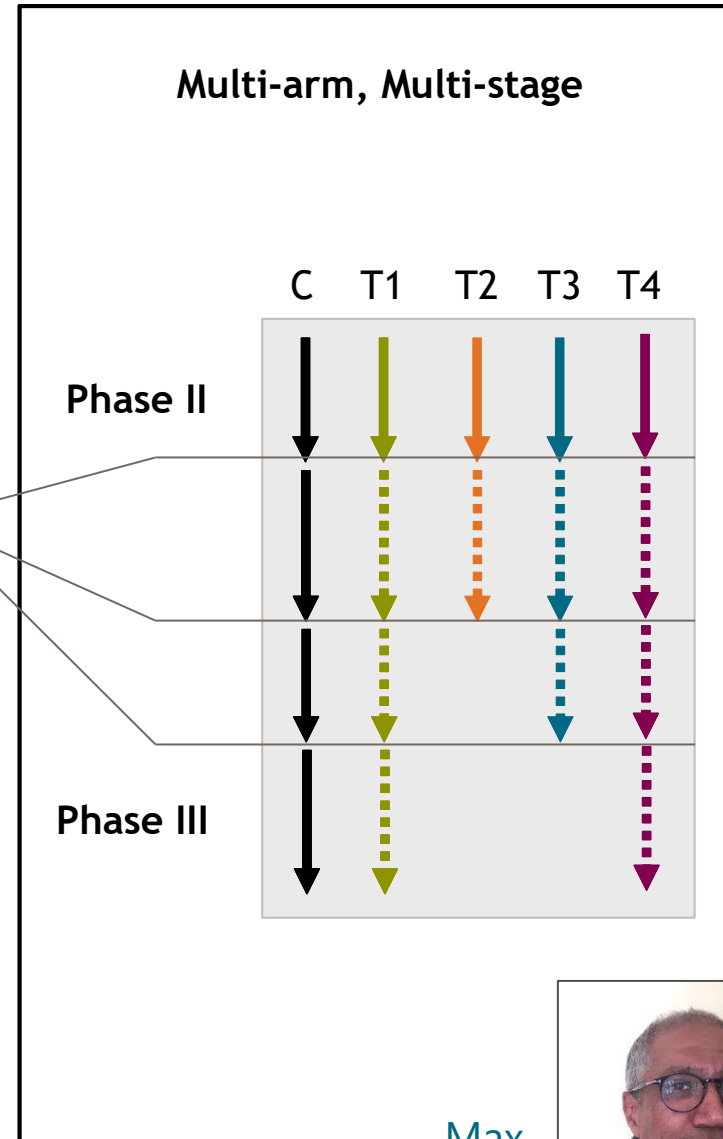
Multi-Arm Multi-Stage (MAMS) Approach

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Multi-stage

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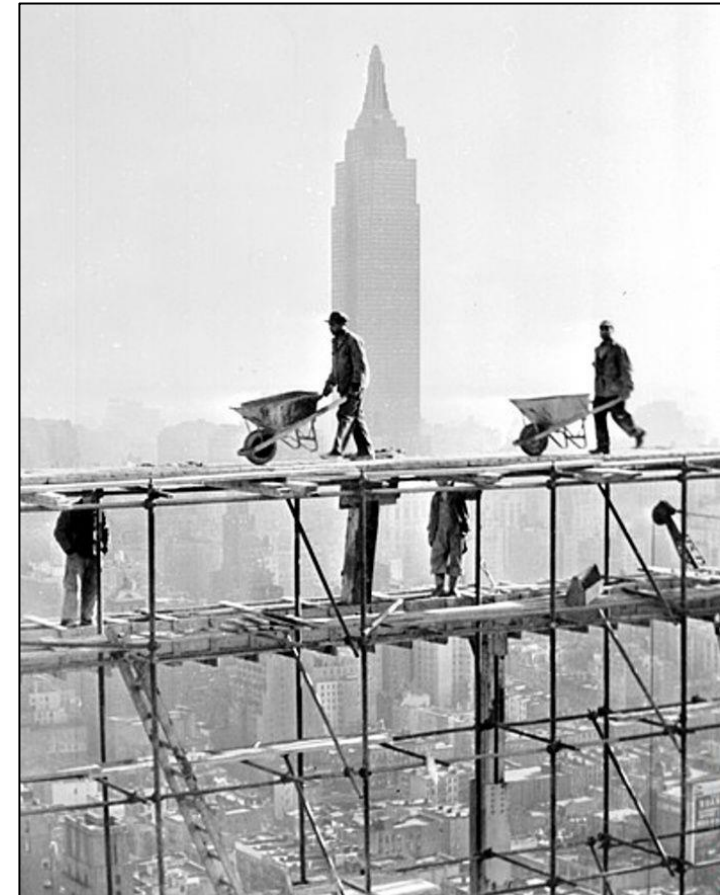


Max
Parmar



Platform (“Master” or “Living”) Protocols

- Protocols addressing many research questions in one administrative trial structure
- New important questions added later (“living” protocols)
 - eg into multi-arm trials
- Stratified trials testing biomarker-directed therapies in same disease (“master protocols”)



EU-PEARL



STAMPEDE

Systemic Therapy in Advancing or Metastatic Prostate Cancer: Evaluation of Drug Efficacy

A multi-arm multi-stage randomised controlled trial

Version: 19.0
Date: 01-June-2018

MRC CTU AT UCL ID: PR08
ISRCTN #: ISRCTN78818544
NCT #: NCT00268476
EUDRACT #: 2004-000193-31
CTA #: 00316/0026/001-0001
MREC #: 04/MRE07/35

Authorised by:
Name: Professor Nicholas D James
Role: Chief Investigator & Comparison CI for "Abiraterone comparison"
Signature:

Name: Matthew Sydes
Role: Trial Statistician
Signature:

Clinical setting

- Prostate cancer, metastatic or high-risk non-metastatic
- Initiating long-term hormone therapy

Testing setting

- Late stage, phase III
- Single randomisation

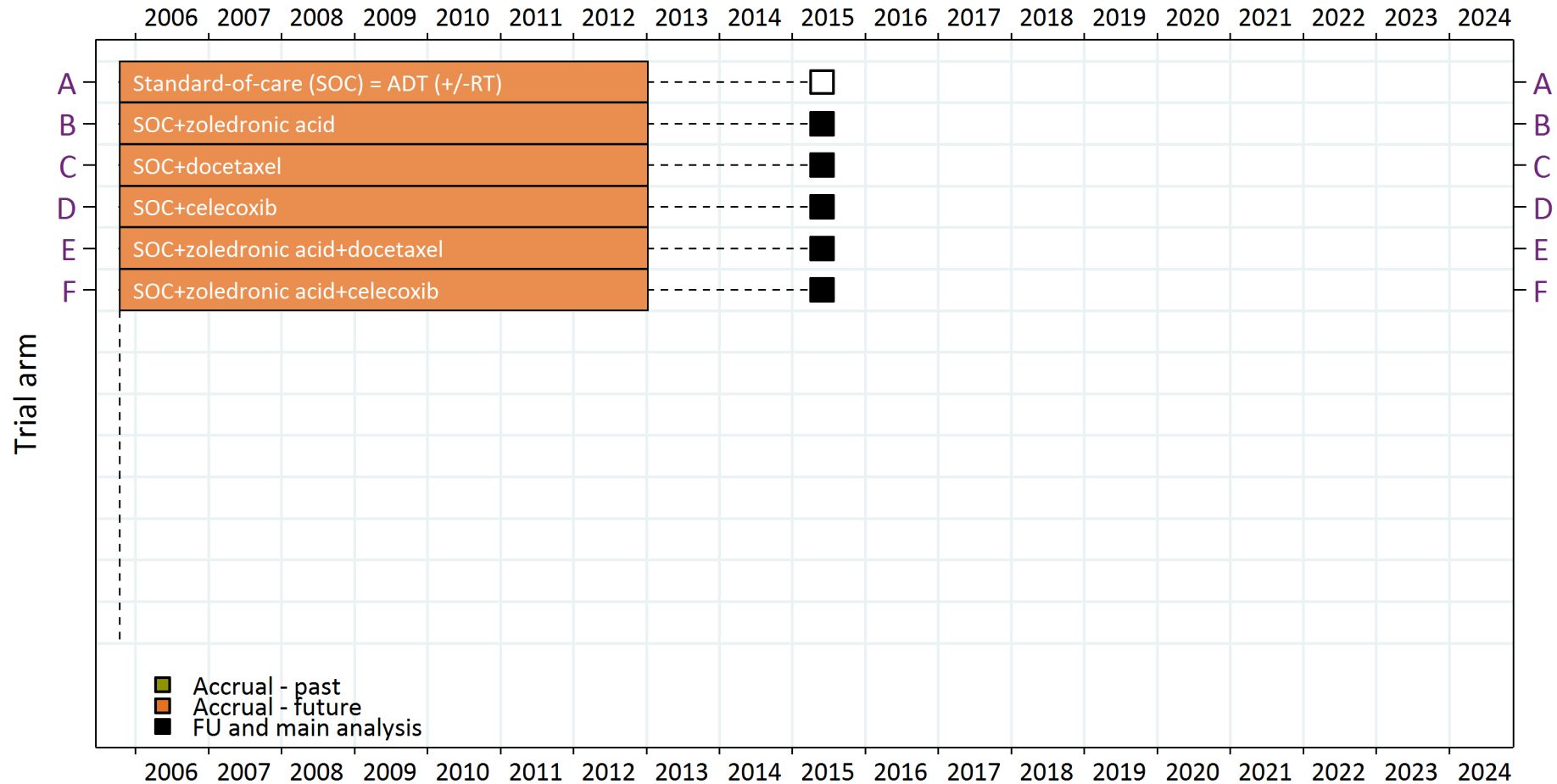


Originator:
Max Parmar



CI:
Nick James

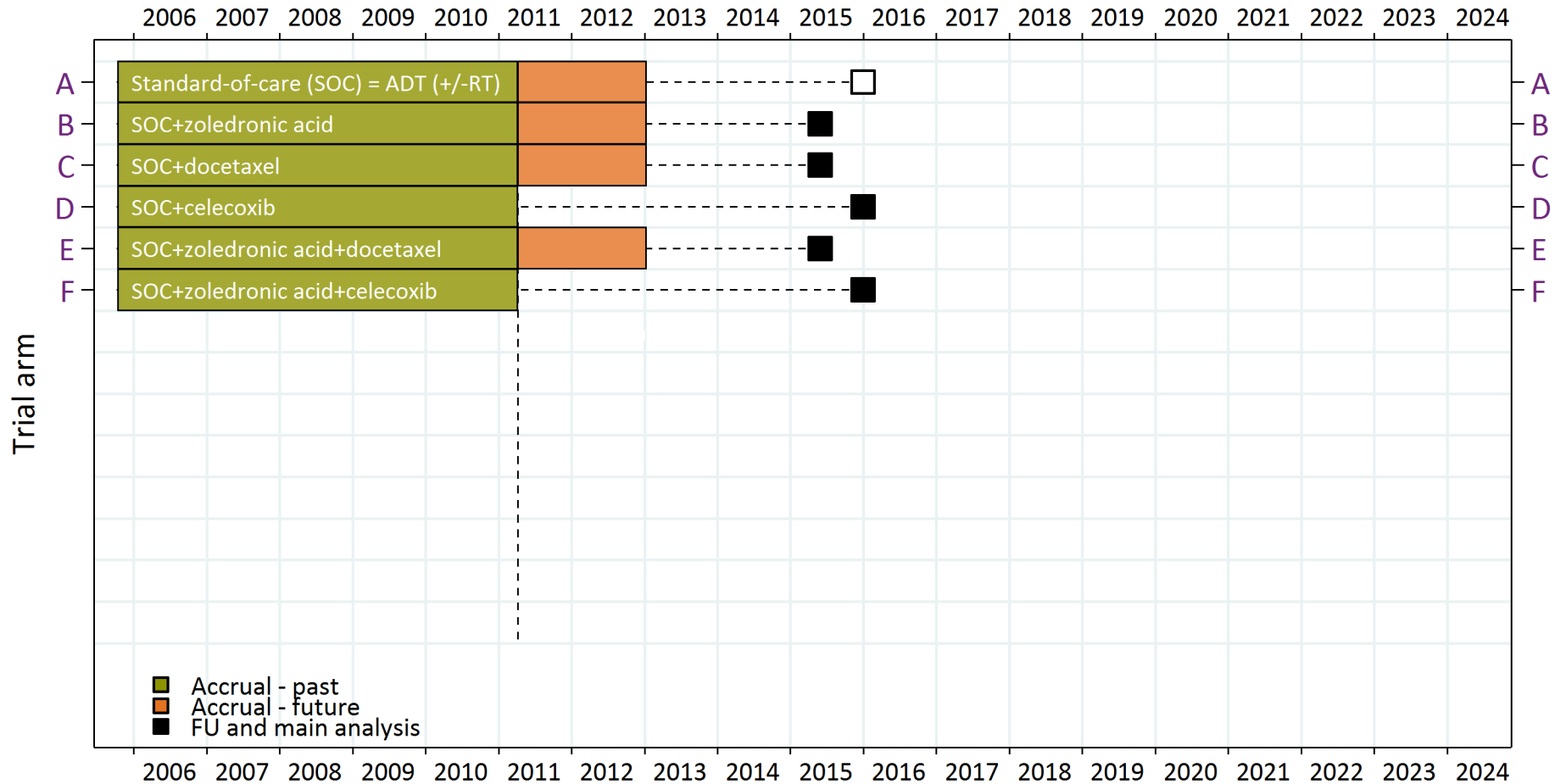
STAMPEDE – Oct-2005 – Accrual Opens



Oct-2005: Pilot phase accrual opens in limited sites

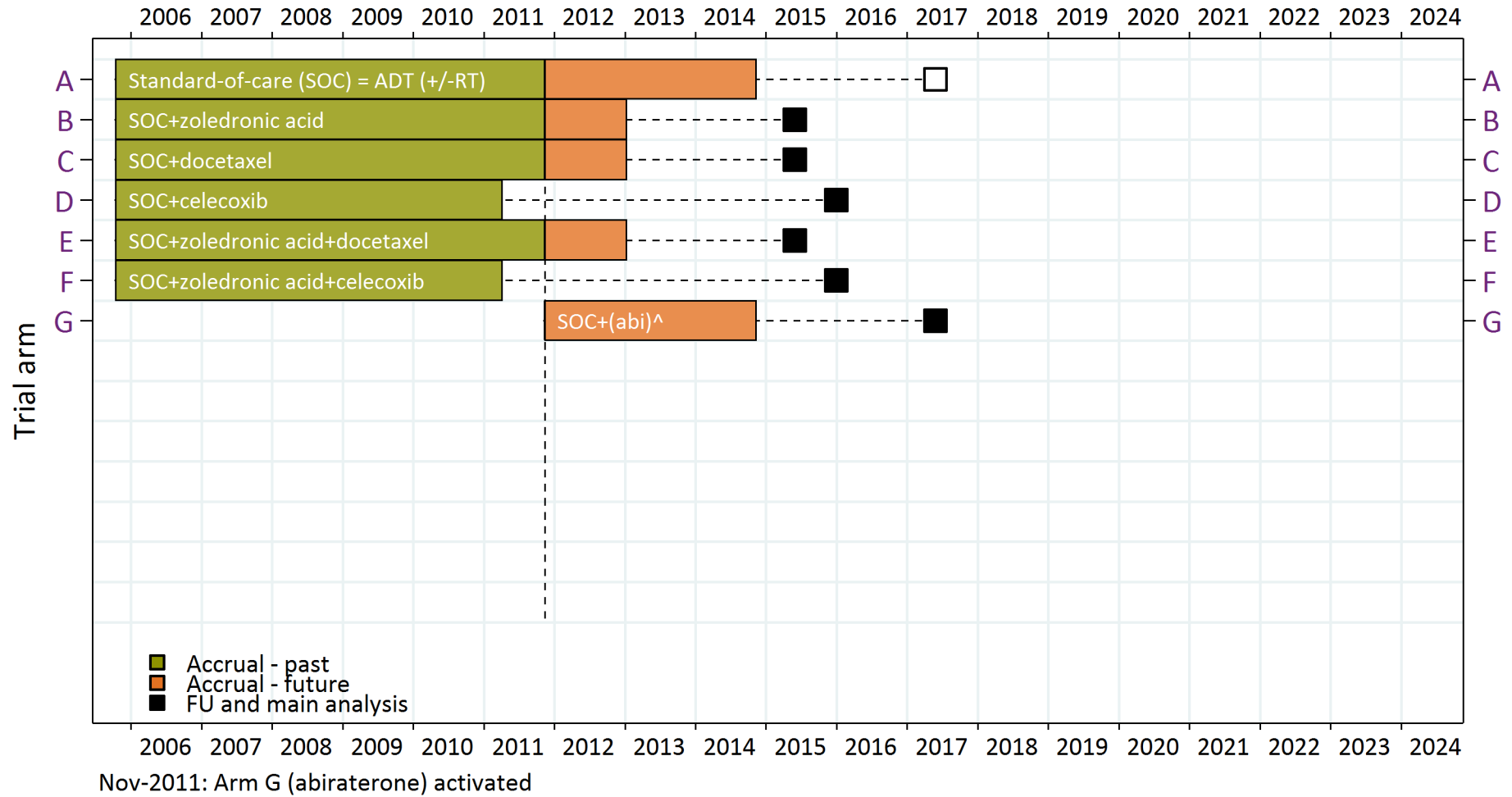
→ Multi-stage element

STAMPEDE – Apr-2011 – Recruitment stops to 2 arms for lack-of-benefit

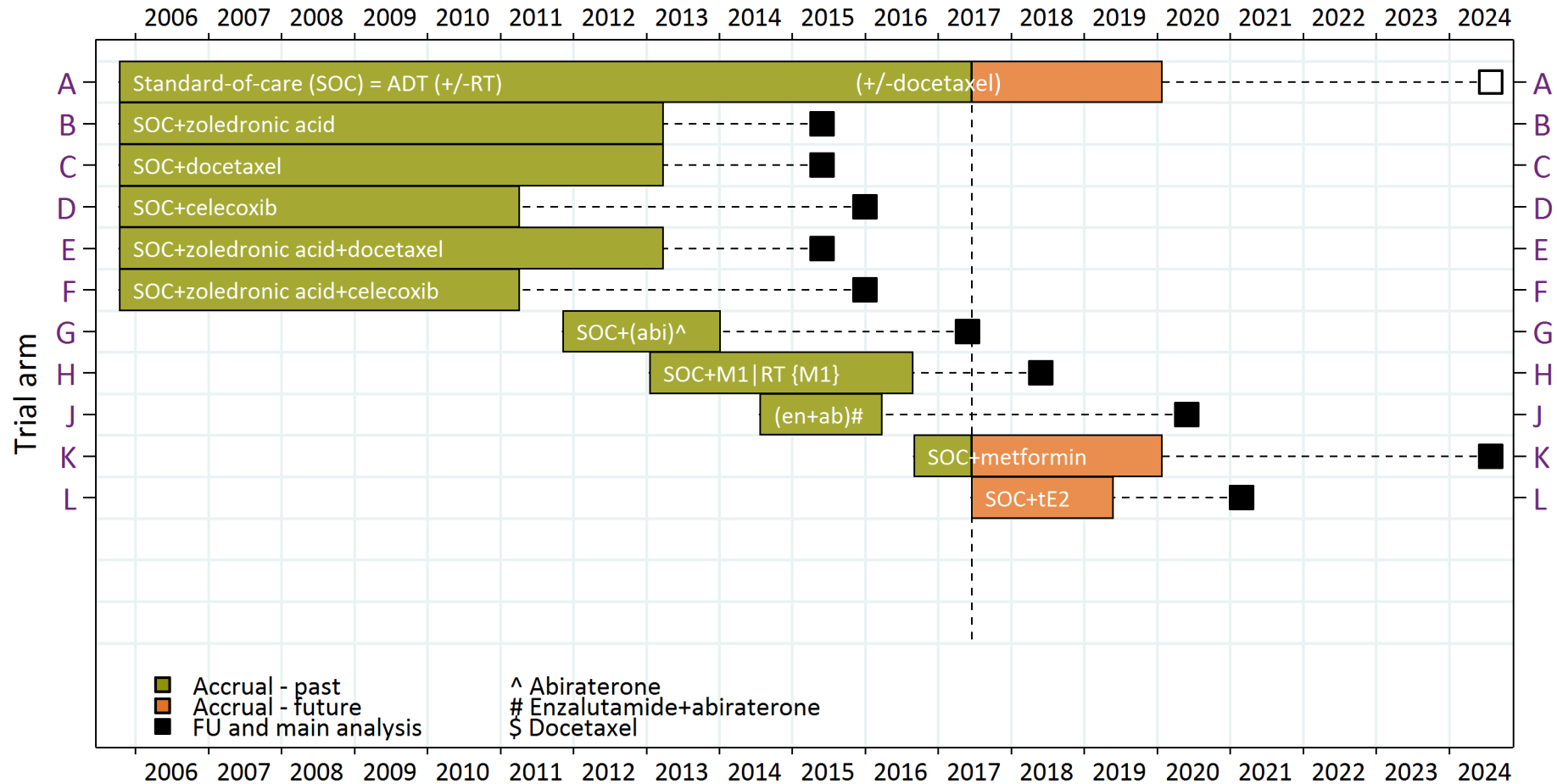


Apr-2011: AS2 -- celecoxib arms (D & F) stop recruitment
TSC accepted IDMC recommendation. See James (2012) Lancet Oncol

STAMPEDE – Nov-2011: “Abiraterone comparison” initiated

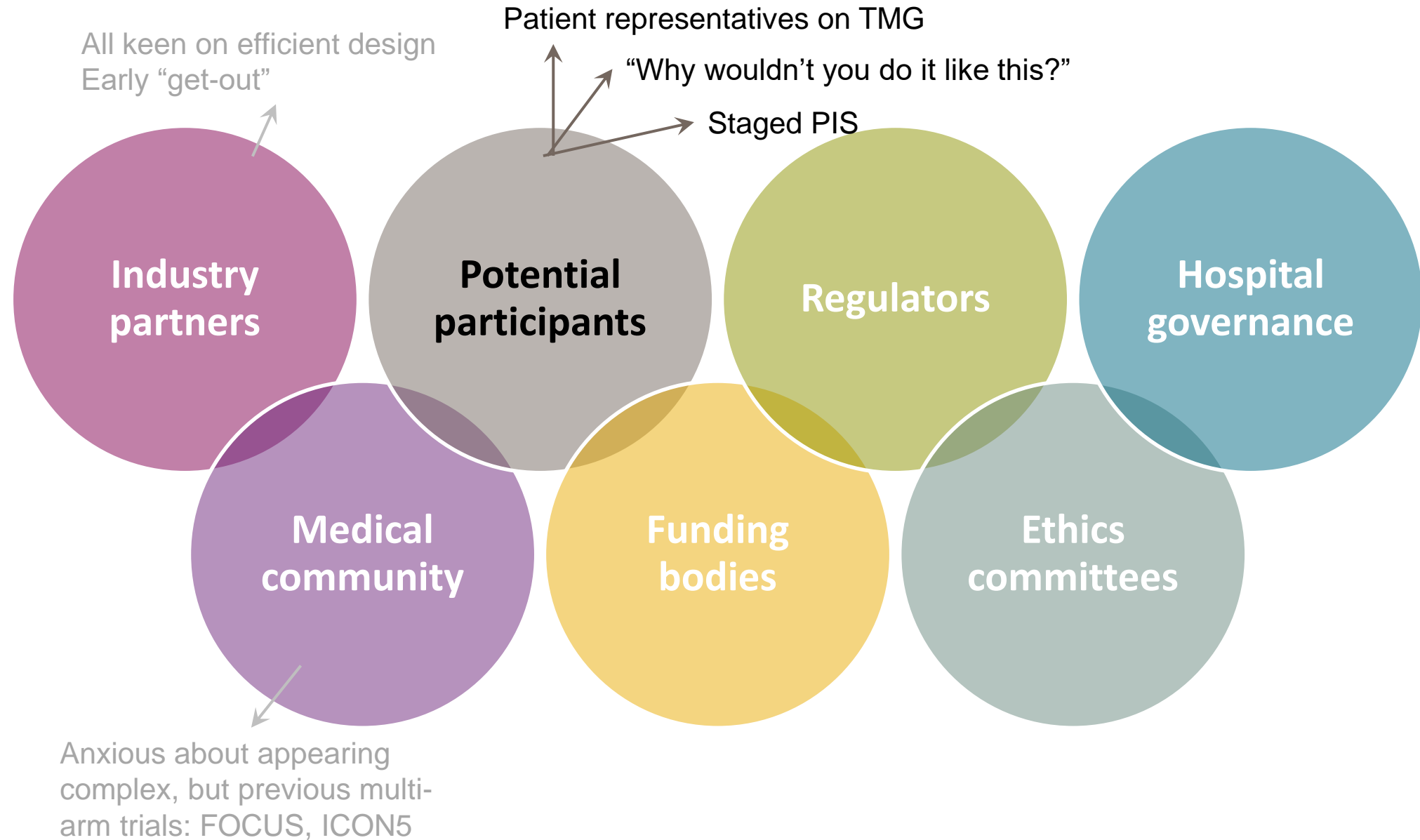


STAMPEDE – Recent activity



Include randomisation of tE2 patches for meta-analysis with PATCH
 Q2-2017: launch of tE2 comparison

Groups to convince



Information tailored to everyone



Groups to convince

Home Participants ▾ Centres ▾ Committees ▾ Media ▾ Contact Us ▾

STAMPEDE: Patient Information Sheets (PIS)		
What PIS?	Content	Who should read it?
General Patient Information Sheet - Part 1 & 2 (Version 18)	Overview of why the study is being done and what it involves. Details of study conduct and oversight	Everyone interested in taking part
Treatment Arm-Specific patient information sheet (PIS) Arm A (Version 12) Arm K (Version 4) Arm L (Version 3)	Details of treatment associated with each arm of the study	Everyone allocated to the specific treatment
Additional Research Studies Patient Information Sheet (Version 15)	Details of quality of life study and other optional studies	Everyone interested in taking part

Structured PIS

To be printed on local headed paper

To be printed on local headed paper



STAMPEDE General Participant Information Sheet – Parts 1 & 2

STAMPEDE TRIAL

General information to help you decide if you would like to join a study called STAMPEDE

- This leaflet includes general information about a study called STAMPEDE.
- Your doctor has explained to you that you have prostate cancer and has invited you to participate in this study.
- Please read this information carefully and discuss it with friends and family if you wish. Take time to decide whether or not you would like to take part.
- If you decide not to take part, this will not affect the care you get from your doctors in any way.
- This leaflet is in two parts: we suggest that you read Part One first and if you are interested in taking part, continue to read Part Two.
- If you decide to take part there are more information leaflets about the treatments you may receive and additional research projects that you will be involved in.
- In this leaflet, the term "study" is used, this means the same thing as a clinical trial.

Contents

Part One

- 1 Why STAMPEDE?
- 2 How are new treatments tested?
- 3 How will my treatment be different if I take part?
- 4 What will I need to do if I take part?
- 5 What are the possible advantages of taking part?
- 6 What are the possible disadvantages of taking part?
- 7 Do I have to take part?
- 8 Will I need extra tests?
- 9 Will I need extra hospital visits?
- 10 How will my personal information be used?
- 11 Further information about taking part
- 12 Where can I find out more?

Part Two

- 13 Further information about taking part
- 14 Where can I find out more?

How to contact us

If you have any questions about this study, please talk to your doctor or nurse:

Name of doctor or nurse:
Hospital Department:
Hospital:
Address:
Address:
Postcode:

Part One: I am considering taking part

1 What is STAMPEDE?

STAMPEDE (StamPede Therapy in Adjuvant or Metastatic Prostate Cancer: Evaluation of Drug Efficiency) is a clinical study. STAMPEDE aims to identify new treatments for prostate cancer.

2 How are new treatments tested?

The best way of knowing whether one treatment is better than another is by carrying out a type of research called a randomised controlled trial.

A randomised controlled trial compares two or more groups of people: a research group who receive the new 'research' treatment and a control group who receive the existing 'standard' treatment. If you take part in the study, a computer will randomly allocate you to a treatment group. This allows a fair comparison between the new treatment and the existing treatment group to see which one works best.

We have called the men who receive standard treatment about Treatment Group A (the control group). The control group acts as the comparison for the research groups and in the way the study can assess the research treatment. This is a very important part of a randomised controlled trial and ensures the results are reliable.

STAMPEDE has been running since 2005 and has compared 3 different treatment approaches so far. Over 5000 people have joined the study so far and we expect to include over 20,000 men like you in the study.

3 How will my treatment be different if I take part?

Standard treatment for prostate cancer includes hormone treatment (to suppress testosterone), and may also include radiotherapy and chemotherapy.

If you choose to take part you may still receive standard radiotherapy or chemotherapy. Your doctor will talk to you about what your treatment will involve.

There are currently 3 treatment groups that men may be allocated to. These include the control group who receive standard treatment and two research groups who receive extra or alternative research treatments. These are referred to as Treatment Groups K and L. All men allocated to Treatment Group K will receive hormone treatment as well as standard treatment. All men allocated to Treatment Group L will receive hormone patches (transdermal oestradiol) instead of standard hormone treatment given as injections or tablets.

Here is a brief summary of these research treatments:

- **Metformin** is a diabetic treatment that may also have an effect on prostate cancer growth and help prevent some of the side effects of hormone treatment. Men without diabetes can join Treatment Group K, therefore all men wishing to take part must have a blood test to check for diabetes first.
- **Hormone patches** containing transdermal oestradiol are being assessed as an alternative form of hormone therapy. STAMPEDE is looking at whether transdermal oestradiol can work as well as, or better than, standard hormone therapy in treating the cancer long-term. Men with diabetes can join this group, but men should not both from standard hormone treatment to

alternative patches soon after hormone treatment is first started.

All participants will be randomly allocated to any of the groups that they are eligible to join. On average, for every 3 men joining the study, 1 will be allocated to Treatment Group A (the control group), 1 to Treatment Group K, and 1 to Treatment Group L.

Where it can be accessed, some people may be offered abiraterone instead of chemotherapy. Your doctor will discuss this with you. If you receive abiraterone as part of your standard treatment this will mean that you cannot currently be allocated to Treatment Group L.

Your doctor or nurse will discuss which treatments you may be suitable for, you will then be randomly allocated to any of these. Further details about these treatments are given in the treatment specific patient information sheets.

For your information, this study previously looked at other treatments (Groups B, C, D, E, F, G, H and J). It is no longer possible to join these groups as we already have enough men to test these treatments. Some results are already known and you can find out more on the study website www.stampede-trial.org by clicking your research team.

4 What will I need to do if I take part?

You will need to attend clinic regularly so that your medical team can assess how you are responding to treatment and update the STAMPEDE researchers about your progress.

If you are allocated to receive metformin or transdermal oestradiol (hormone patches) you will need to have some extra blood tests.

5 What are the possible advantages of taking part?

We hope that you will be helped by taking part in this study, but we cannot guarantee this. We hope that the new treatments will help control prostate cancer better than the current standard approach; however, we don't know this for sure which is why it is being tested in this study.

It is possible that the results may not help you individually but the information we get from this study will help us improve treatments for people like you in the future.

6 Where are the possible disadvantages of taking part?

If you take part you will need to visit the hospital more often and you are likely to need some extra blood tests. You may have different or extra side effects. The most common unwanted side effects are described in the Treatment Specific Information Sheets.

7 Do I have to take part in the study?

No, it is up to you if you want to take part. If you decide not to take part this will not affect the standard of care you receive.

If you think you might be interested in taking part, please carry on reading. More information is included in Part 2.

If you are allocated to receive metformin or transdermal oestradiol (hormone patches) you will need to have some extra blood tests.

Part Two: I would like to know more

8 Will I need extra tests?

If you are considering joining STAMPEDE you will need to have some extra blood tests. If you do not have known diabetes then you will need to have a blood test to check this first.

If your blood tests are abnormal you will be referred to your GP to discuss this further. Not all people with diabetes have symptoms and therefore it is possible that this will be picked up early. If you are allocated to Treatment Group L (transdermal oestradiol) you may need an extra blood test to check your hormone levels.

Extra blood tests are also required to check sugar and cholesterol levels. These are checked more regularly than they might be in standard clinical practice because we want to find out if the treatments being tested help prevent problems like diabetes or raised cholesterol from developing. These extra tests can be checked at the same time as routine blood tests but may require you to have not eaten for around 8 hours beforehand. Your research team will discuss with you when this is needed.

Your rights to access, change or move your information are limited, as we need to be responsible for looking after your information and using it properly. UCL will keep identifiable information about you for 25 years after the study has finished.

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You can find out more about how we use your information at www.ctu.mrc.ac.uk/generalfp/privacy-policy

V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
RAS ID: 31586

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V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
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V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
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RAS ID: 31586

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RAS ID: 31586

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How will your data be stored and collected?

Your visit will collect information from you and your medical records for this research study in accordance with our instructions.

Your hospital will use your name, NHS number and contact details to contact you about the research study, and make sure that relevant information about the study is recorded for your care, and to ensure the quality of the study. Individuals from UCL and regulatory organisations may look at your medical and research records to check the accuracy of the research study. Your hospital will pass your name, postcode and NHS number to UCL along with the information collected from you and your medical records. The people who analyse the information will not be able to identify you and will not be able to find out your name, NHS number or contact details.

Your hospital will keep identifiable information about you for this study for at least 25 years after the study has finished.

UCL will collect information about you, for research, from your hospital file (NHS Digital, Public Health England (PHE), and the National Cancer Registration and Analysis Service (NCRS). This information will include your name, postcode and NHS number and health information. The health information is recorded as a special category of information as defined by the General Data Protection Regulation (GDPR). We will use this information to track your long term health status (<https://digital.nhs.uk/>).

Where information could identify you, the information will be held securely with strict arrangements about who can access the information.

V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
RAS ID: 31586

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an alternative treatment, all options will be discussed with you.

If you decide to take part in your research study, the information about your health and care may be provided to researchers running other research studies in this organisation and in other organisations. These organisations may be universities, NHS organisations or companies involved in health and care research in this country or abroad. Your information will only be used by organisations and researchers to conduct research in accordance with relevant legislation, ethics and NHS research policy requirements.

We will make a summary of results available on the STAMPEDE website www.stampede-trial.org.

We will also communicate with you about the results through your medical team. You should be aware that it will take several years for us to know whether the treatments being tested improve life expectancy. We will also publish the results in a medical journal, so that other doctors can use them. You can ask your doctor for a copy of any publication. Your identity and any personal details will be kept confidential. No named information about you will be published in any report of this study.

You can also see publicly-available information about the study, including results, published on www.clinicaltrials.gov.

Who is organising and funding the study?

The sponsor of the trial is the Medical Research Council (MRC). This study is coordinated by the Medical Research Council Clinical Trials Unit at University College London (MRC CTU at UCL). You can find out more about us at www.mrc-ctu.ac.uk.

STAMPEDE receives funding from Cancer Research UK as well as several companies including Clovis Oncology, Sanofi, Janssen,

V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
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Atsela, Novartis and Pfizer who provide treatment and contribute the running costs of the study. The trial is designed, run and analysed by the MRC CTU at UCL.

Who has reviewed the study?

This study has been reviewed by independent scientists not associated with the STAMPEDE study. It has also been authorised by the Medicines and Healthcare Products Regulatory Agency (MHRA), as well as an independent NHS Research Ethics Committee and a hospital Research and Development Office. Patients affected by prostate cancer were involved in the original design of the main STAMPEDE study and patient representatives are still involved in the study today.

What if something goes wrong for me?

If you have concerns about the way you have been approached or treated during the study, please talk to your study doctor or nurse. If you are still unhappy, or you wish to make a complaint, please use the normal NHS complaints procedure.

If you are harmed by taking part in this study, or you are harmed because of someone's negligence, then you may be able to take legal action. If you believe this to be the case, first discuss with your study doctor and then contact the STAMPEDE team at MRC CTU at UCL in writing.

What if new information becomes available during the course of the study?

New information may become available about the treatments you receive during the study. If this happens, your study doctor will tell you about it and talk with you about whether you want to continue with treatment.

Other considerations:

If you have private medical insurance, you should check with your company before agreeing to take part.

12 Where can I find out more?

Please read the STAMPEDE treatment specific leaflets for more information. Table 1 below provides an overview on all information leaflets available for you to read.

Further information about STAMPEDE is also available via the trial website www.stampede-trial.org.

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Table 1: STAMPEDE Participant Information Sheets

Page	Which Participant Information Sheet (PIS)?	Content	Who should read it?	Notes
The leaflet:				
1	General STAMPEDE PIS Part 1 & 2	Part 1: Overview of why the study is being done and what it involves. Part 2: Further information about taking part.	Everyone considering taking part in STAMPEDE. If you've read Part 1 and you want to know more.	When being approached about STAMPEDE.
2	STAMPEDE Treatment PIS: HZ comparison	Information about transdermal oestradiol (hormone patches) and the control arm.	Everyone who thinks that they would like to take part and may be eligible to join arms A or L.	Before randomisation.
	STAMPEDE Treatment PIS: Metformin comparison	Information about metformin and the control arm.	Everyone who thinks that they would like to take part and may be eligible to join arms A or K.	Before randomisation.
3	STAMPEDE Additional Research PIS	Information about optional projects that all people joining the study are invited to take part.	Everyone who has decided to take part and is interested in participating in additional projects.	Before randomisation.

V18.0 Jul-2018 General STAMPEDE PIS Parts 1 & 2
RAS ID: 31586

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Slides from PPI rep – David Matheson

PPI and STAMPEDE – what do we do?

- Members of the Trial Management Group and various working groups
 - Input into prioritising and defining questions
 - Input into oversight and TMG
 - Input into interpretation and dissemination, inc. co-author abstracts and papers
 - Commenting / advising on communications with trial participants
- Review all patient interface documentation
 - Consent forms – keeping layout as simple and understandable as possible
 - Patient information sheets – paying special attention to avoiding cognitive overload
 - Lay summaries – emphasising clarity and ease of comprehension without compromising content



Slides from PPI rep – David Matheson

PPI a

- Membr
- Inp
- Inp
- Inp
- Co
- Review
- Co
- Pa
- Lay
- co

PPI and STAMPEDE – what do we do?

- Patient voice
 - We bring back to the TMG concerns, observations and thoughts from the various patient groups and bodies we work with elsewhere
- Dissemination
 - Article production:
 - Working with the other authors to collate and interpret data, and to edit, review, and approve the final draft of articles and other outputs
 - Videos:
 - Highlighting and explaining results and what they mean from a patient perspective
 - Talks
 - Sharing findings with lay groups and offering a patient perspective to professional groups



Slides from PPI rep – David Matheson

PPI a

- Membr
- Inp
- Inp
- Inp
- Co
- Review
- Co
- Pa
- Lay
co

PPI and

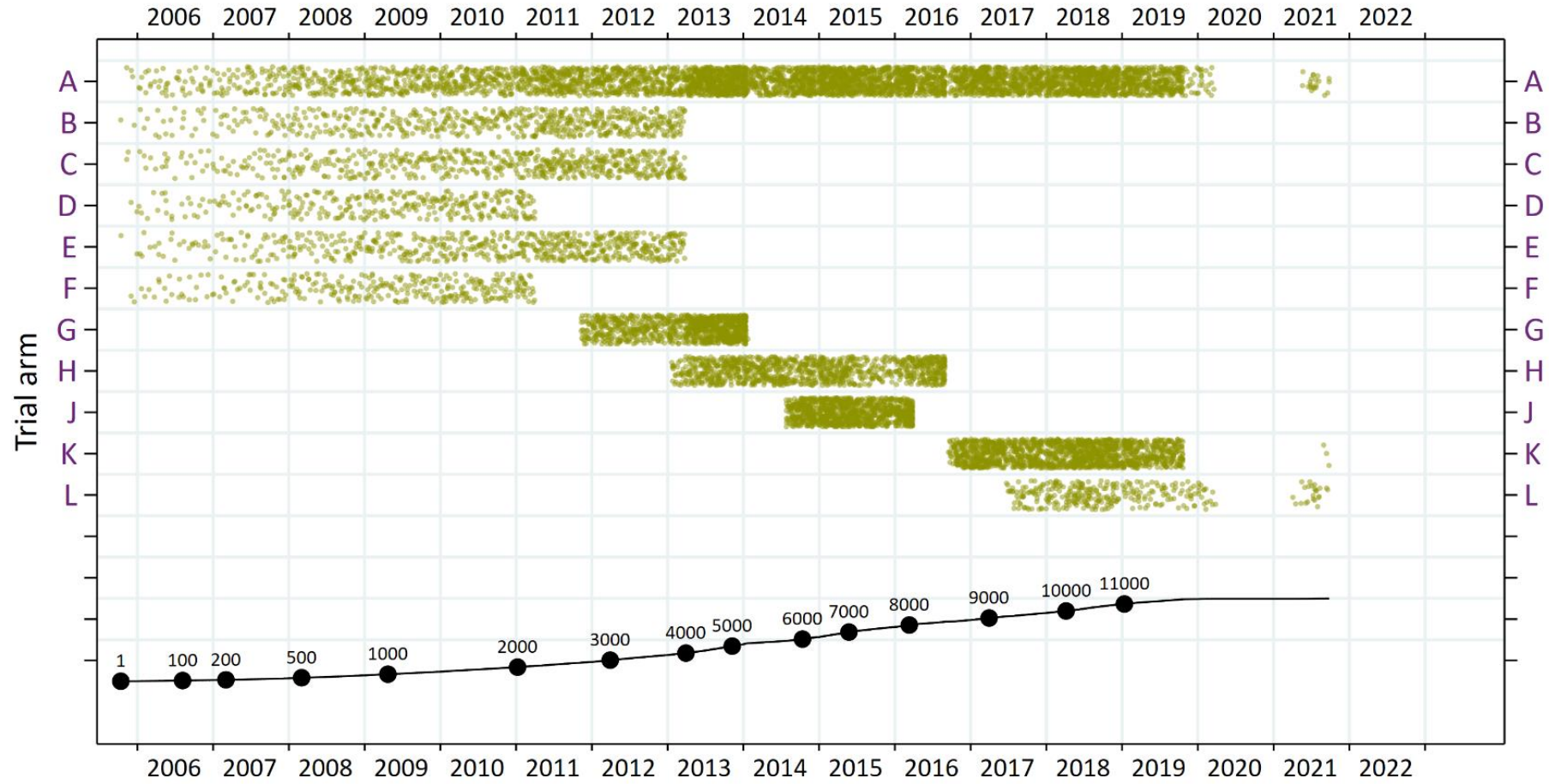
- Patient vo
 - We bring various p
- Dissemina
 - Article p
 - Work
appro
 - Videos:
 - Highl
 - Talks
 - Sharin

What's it like to be a patient rep on STAMPEDE?

- In short...
 - Our voices are heard
 - Our input and perspective are sought, valued and recognised in diverse ways
 - We feel an integral and important part of the STAMPEDE trial

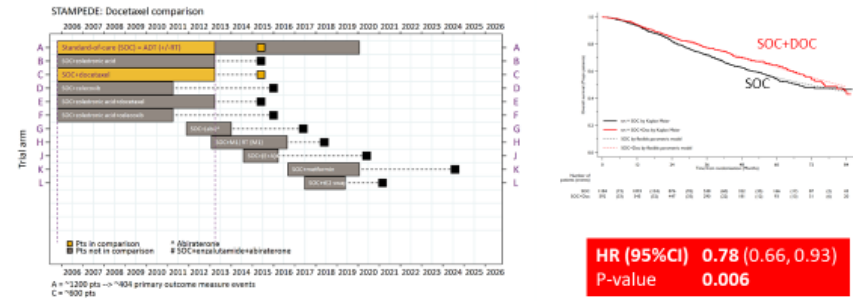


STAMPEDE – Accrual over time



Each dot is one patient recruited
Jittering applied so dates are not exact

Practice-changing findings 1: SOC+DocP vs SOC

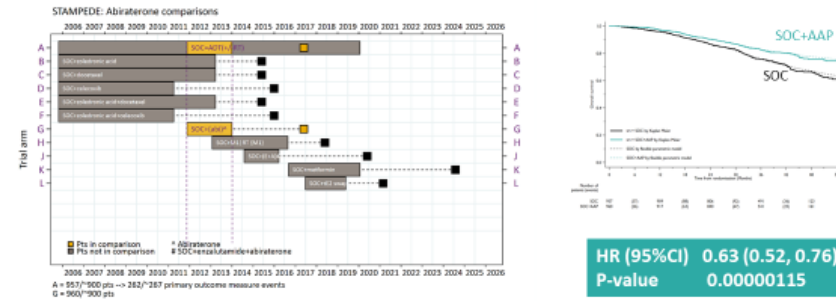


Recruitment: Oct-2005 to Mar-2013
Patients: 1184 SOC
592 SOC+DocP
Reported: ASCO 2015
Published: Lancet 2016
Allocation ratio: 2:1



doi: 10.1016/S0140-6736(15)01037-5
doi: 10.1016/S1470-2045(15)00489-1

Practice-changing findings 2: SOC+AAP vs SOC

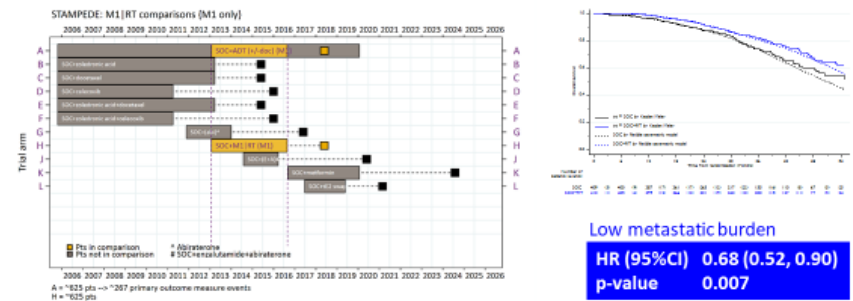


Recruitment: Nov-2011 to Jan-2014
Patients: 957 SOC
960 SOC+AAP
Reported: ASCO 2017
Published: NEJM 2017
Allocation ratio: 1:1



doi: 10.1016/S0140-6736(15)01037-5
doi: 10.1016/S1470-2045(15)00489-1

Practice-changing findings 3: SOC+RT vs SOC

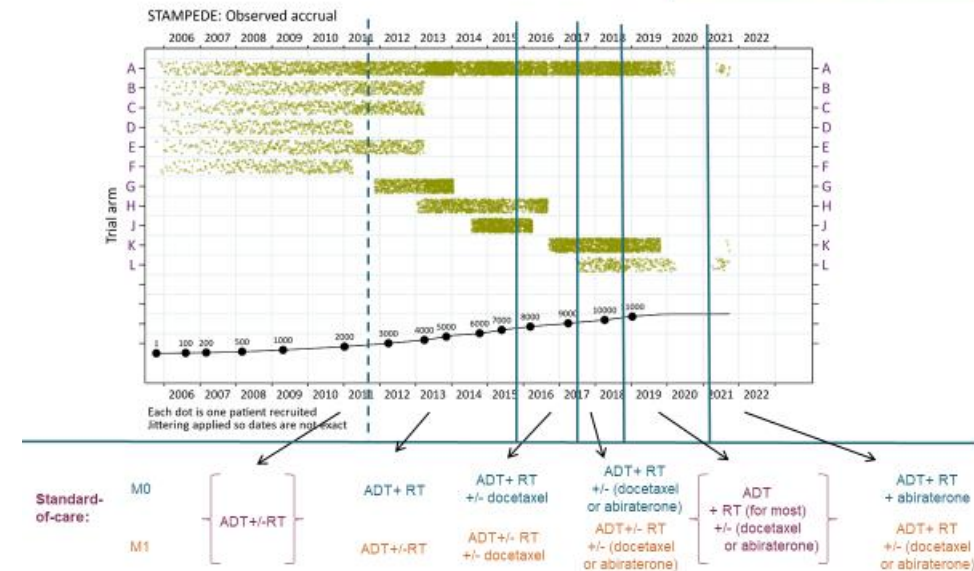


Recruitment: Jan-2013 to Sep-2016
Patients: 1029 SOC
1032 SOC+DocP
Reported: ESMO 2018
Published: Lancet 2018
Allocation ratio: 1:1



doi: 10.1016/S0140-6736(18)32486-3

STAMPEDE by 2021:
Updated standard-of-care 5 times



Explaining findings and design



STAMPEDE abiraterone results

3 years ago

This film explores the results from the abiraterone comparison of the STAMPEDE prostate cancer trial.

<https://vimeo.com/220031463>

<https://vimeo.com/171900048>



Multi-arm multi- stage (MAMS) trial design

4 years ago

Exploring the innovative MAMS trial, which uses multiple arms to form one seamless trial. This film explores the STAMPEDE trial as an example for how MAMS works in reality.



Can radiotherapy help men who are diagnosed with prostate cancer that has already spread? (Full version)

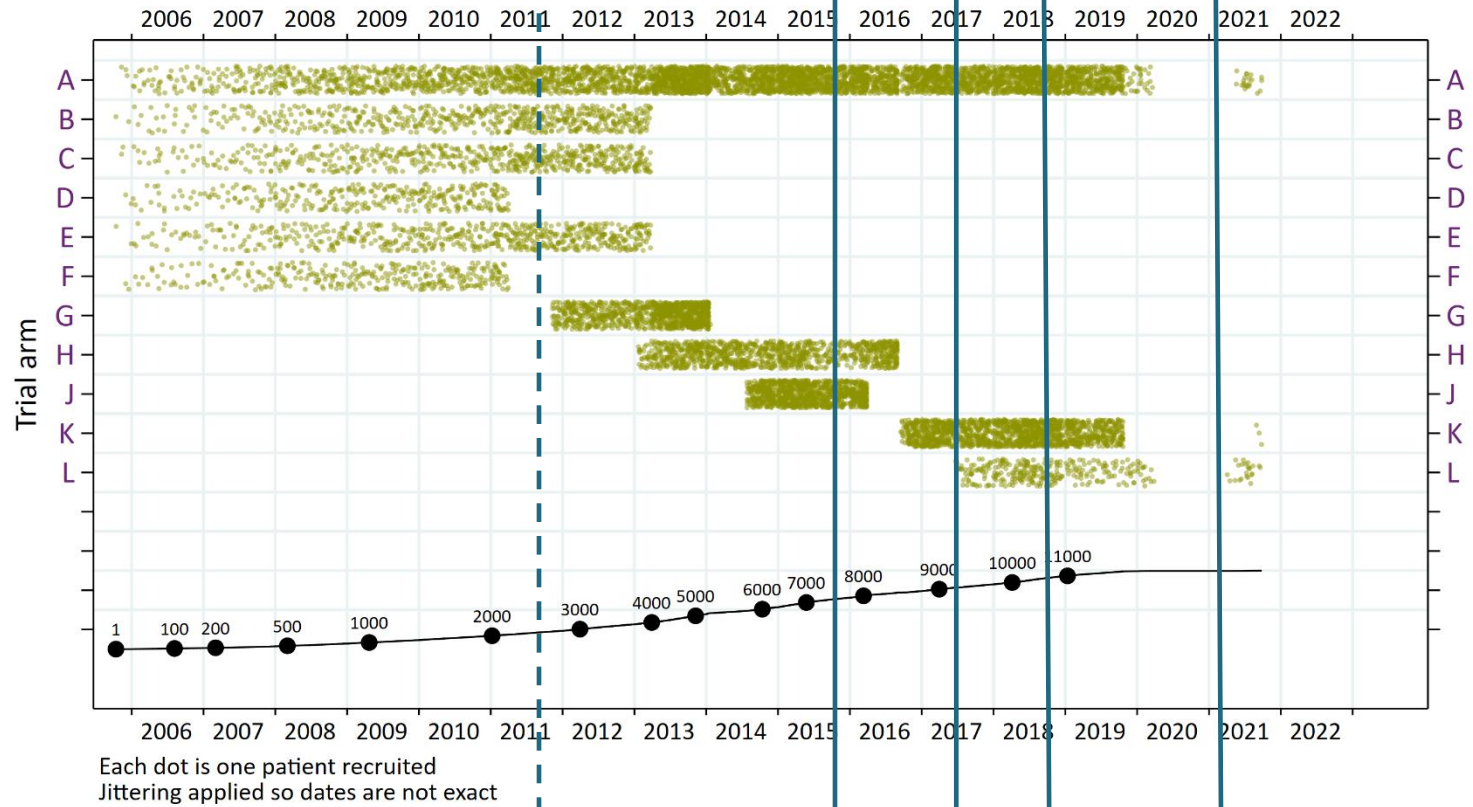
1 year ago

The STAMPEDE trial tested whether adding radiotherapy to standard treatment for men with newly diagnosed prostate cancer that has already spread could help men live longer. This

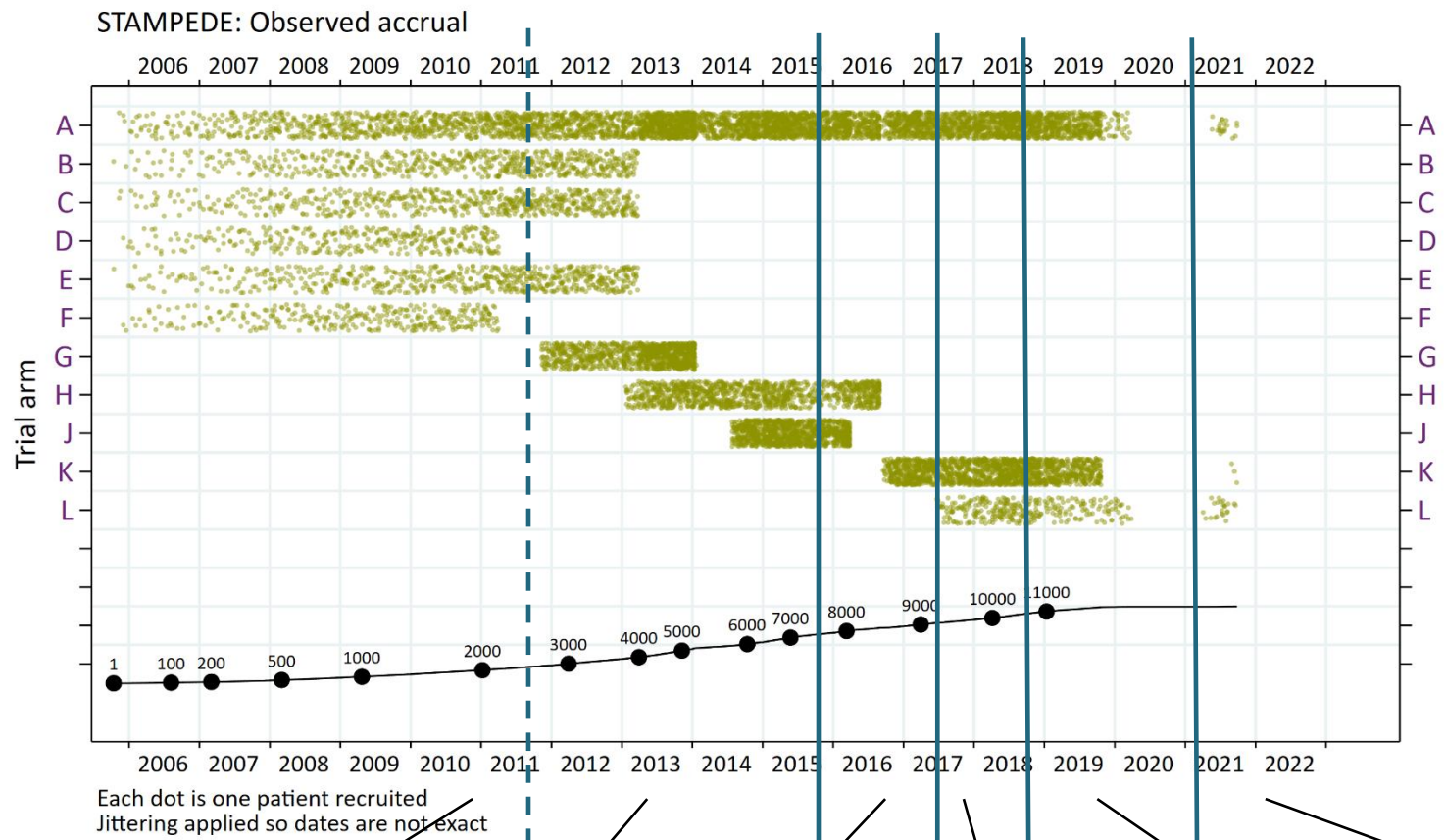
[Read more](#)

<https://vimeo.com/335419982>

STAMPEDE: Observed accrual



STAMPEDE by 2021:
Updated standard-of-care 5 times



Sharing Experiences of MAMS Platform Protocols



Initial statistical in implementing MAMS

doi: 10.1186/1745-6215-10-39



Max Parmar



10yrs experience at MRC CTU at UCL

doi: 10.1177/1740774517725697

Trial management conduct experiences



Riya Bathia



Francesca Schiavone

doi: 10.1186/s13063-019-3216-8

doi: 10.1186/s13063-019-3322-7



Lindsey Masters



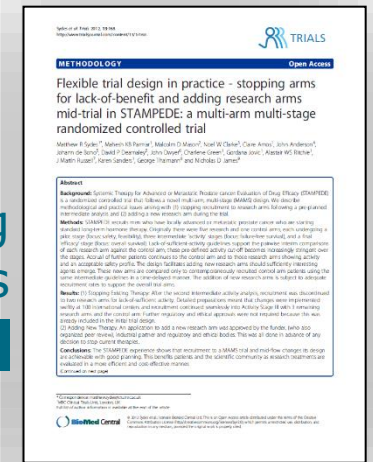
Stephen Townsend



Dom Hague

Practicalities in stopping & adding arms

doi: 10.1186/1745-6215-13-168



Forthcoming
 ~50 recommendations from 15 platform trials at 8 UK CTUs to be submitted end December 2021

Ethics Committee workshops

Home > About us > Committees and services > Research Ethics Service and Research Ethics Committees >

Research Ethics Committee – Standard Operating Procedures

Last updated on 2 Aug 2021

Under the UK Health Departments [Governance Arrangements for Research Ethics Committees \(GAfREC\)](#), each [Research Ethics Committee \(REC\)](#) within the [Research Ethics Service](#), is required to adopt Standard Operating Procedures (SOPs) approved by or on behalf of its appointing authority. The REC is required to act in accordance with its SOPs and is ultimately accountable to its appointing authority for its governance in this respect.

[7.5.1 of the Standard Operating Procedures](#) for Research Ethics Committees came into effect from 2 August 2021.

www.hra.nhs.uk/about-us/committees-and-services/res-and-recs/research-ethics-committee-standard-operating-procedures/

www.ctu.mrc.ac.uk/our-research/methodology/conduct/practical-implementation-of-new-trial-designs/

REVIEWING RESEARCH helping ensure better research for better health

Platform trials – a type of adaptive research



Page under construction

Written after a report of recommendations from Matthew Sydes and Louise Brown (MRC Clinical Trials Unit at UCL) to Health Research Authority arising from a series of workshops they ran at HRA regional meetings in 2019 and 2020

Adaptive design trials accommodate the inevitable changes that happen during the lifetime of a study. One type is the platform trial which offers advantages but incorporates flexibility that needs to be considered in review. They incorporate new but similar research questions into an ongoing clinical trial protocol in a structured way. Put another way, the protocol includes or allows different comparisons. This paper explores the issues that might arise and how such proposals might be best reviewed.

<http://www.reviewingresearch.com/platform-trials/>

Reviewing platform protocols: Proposed guidelines for research ethics committees (REC)

The review of platform protocols, both initially and at amendment is critically important. Sharing of information can be complex. Matt Sydes and Lou Brown ran a series of regional workshops for REC members in the UK, which informed a report to the Health Research Authority (HRA). HRA's updated SOPs (due to be published Q2-2021) is expected to reflect these recommendations.

[Read the short report](#)

Hugh Davies, Research Ethics Advisor for HRA and chair of Oxford A REC, has written a blog entry on reviewing platform protocols, building out from our workshop recommendations, which can be found at the link below.

[Link to Hugh Davies' blog](#)

The Challenges of Running Platform Trials

The potential efficiencies of asking multiple questions in a single protocol are increasingly understood. This could be achieved using any or all of the following:

- a multi-arm multi-stage (MAMS) design to ask multiple questions from the start
- a platform (or "living") protocol to later add in new questions in a structured way
- a biomarker-stratified design to ask questions for multiple subsets of patients with a shared screening process.

Our new papers focus on the operational considerations in undertaking such designs, drawing particularly on MRC CTU at UCL's extensive experience with the STAMPEDE and FOCUS4 trials.

The first paper by Schiavone et al focuses on issues that trial managers or trial coordinators might have in running the operational side of these trials.

The second paper by Hague et al focuses on issues that data managers, data scientists and programmers might have in running the operational side of these trials.

The third paper by Morrell et al draws out the experiences of central trials unit staff in running these trials.

Each paper clearly sets out the strengths of these designs and addresses frankly the challenges that everyone chooses

REVIEWING PLATFORM TRIAL PROTOCOLS: GUIDANCE FOR RECS

01-Mar-2021

v1

Professor Matthew Sydes, MRC Clinical Trials Unit at UCL
Professor Louise Brown, MRC Clinical Trials Unit at UCL

SETTING

Complex adaptive design trials are becoming more common. Platform trials are a type of adaptive trial where new research questions (called comparisons) can be incorporated into an ongoing clinical trial protocol in a structured way. This is more practically efficient than opening a new, separate trial which would either compete for the same patients, hampering both trials, or delay one of the trials. The sharing of resources across comparisons brings efficiencies compared to separate protocols. Where appropriate, a shared control arm brings further efficiencies as these participants contribute to more than one comparison.^{1,4}

The incorporation of a new comparison into an existing protocol can be done by amendment. This is simpler than a new application and means that the new comparison should be activated at sites more quickly than for a new, standalone trial, which should lead to faster initial recruitment.

Examples from MRC CTU at UCL of platform trial protocols that have added comparisons include: (1) [STAMPEDE](#), a MAMS platform protocol in prostate cancer in which added comparisons involved the incorporation of a new research arm and extension of recruitment to a shared control arm (2) [FOCUS4](#), a stratified medicine platform trial protocol in colorectal cancer in which added comparisons involve the incorporation of both new research and control arms for a specified subset of patients defined by a biomarker signature (3) [SAMPALE](#), a MAMS platform protocol in renal cancer which was designed with the intention of adding new comparisons

Examples in other disease areas include the [RECOVERY](#) and [PRINCIPLE](#) trials for treatment of the SARS-CoV-19 infection. These nationally prioritised studies needed to move at an unparalleled speed and may not set the precedent for other trials but the same principles apply to them.

WORKSHOPS

The Health Research Authority has been an ally to the implementation of new and efficient designs. Few UK Research Ethics Committees have been exposed to platform protocols, but these will become increasingly common as the methods are embraced; NHR, for example, has been championing efficient designs and lists the platform protocol amongst them. Therefore, HRA invited Professors Brown and Sydes to run 60 to 90 minutes workshops on adding a comparison to an ongoing platform trial protocol at five regional training meetings for Research Ethics Committees in 2019 and 2020. These were held in Leicester (Sep-2019), York (Oct-2019), Oxford (Oct-2020), London (Feb-2020) and Manchester (Mar-2020).

The workshops involved presentations on the benefits and challenges of adding comparisons into ongoing protocols and guided group discussions on issues specific to ethics review. Training session attendees included some members of RECs who had reviewed a number of these platform protocols on previous occasions.

Short Report at
www.ctu.mrc.ac.uk/media/1948/guidance_for_recs_2021-03-01_v1.pdf

Conclusions

PPI involvement in clinical trial is important & helpful to production of high-quality, relevant trials

MAMS platform trials are a key tool in efficiently improving outcomes for patients & the public

Good PPI involvement in MAMS platform trials is key

MRC

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Better Health



UCL

MAMS platform protocols: Patient engagement in STAMPEDE and beyond

Professor Matthew Sydes

MRC CTU at UCL

Institute of Clinical Trials and Methodology

London, UK

Patient Engagement Open Forum
09-Dec-2021 (Version 2.00)