Progress Review and Trial Management

Investigator Meetings

1st and 2nd September 2016 – London and Leeds







Hull and East Yorkshire Hospitals **NHS Trust**



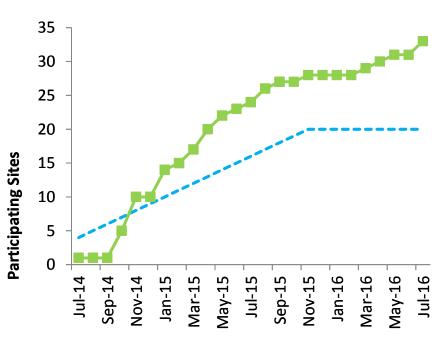


- Year in review
- Patient identification, recruitment and randomisation
- Trial Procedures
- Proposed protocol changes



- At our last meeting...20 sites open
- Now...

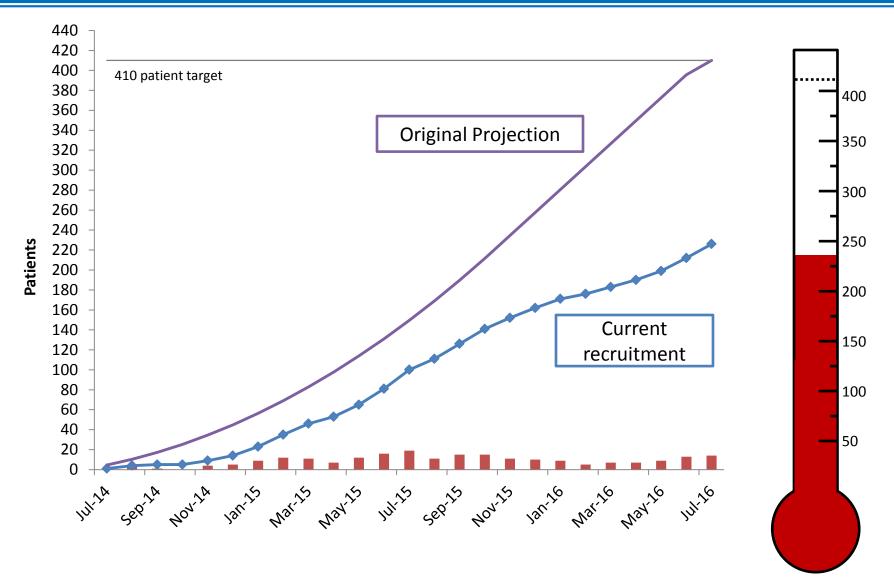
33 sites open



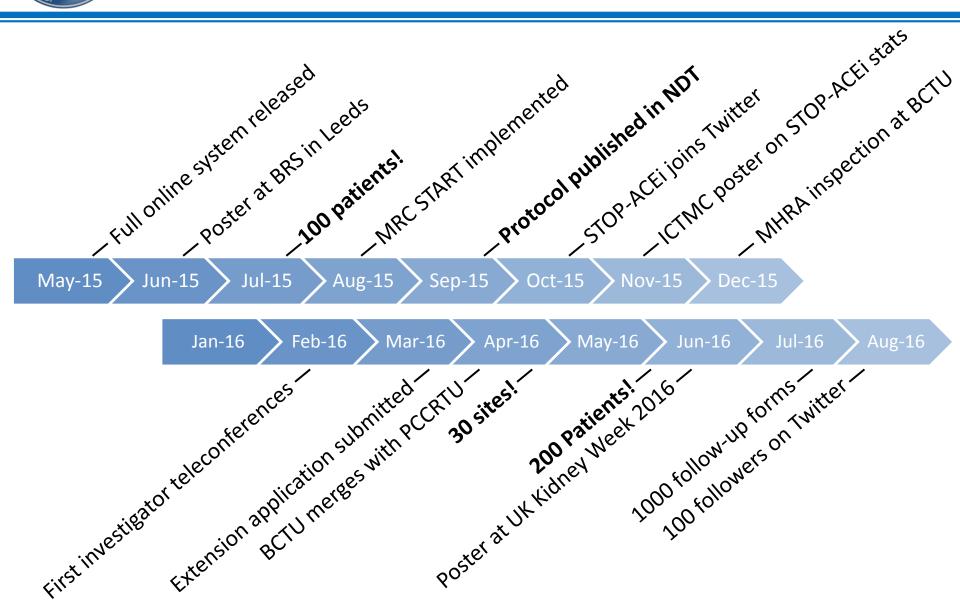




Recruitment









Since our last meeting...

Nephrol Dial Transplant (2016) 31: 255–261 doi: 10.1093/ndt/gfv346 Advance Access publication 30 September 2015

Multicentre randomized controlled trial of angiotensinconverting enzyme inhibitor/angiotensin receptor blocker withdrawal in advanced renal disease: the STOP-ACEi trial

Sunil Bhandari^{1,2}, Natalie Ives³, Elizabeth A. Brettell³, Marie Valente³, Paul Cockwell⁴, Peter S. Topham⁵, John G. Cleland⁶, Arif Khwaja⁷ and Meguid El Nahas⁷

¹Department of Renal Medicine, Hull and East Yorkshire Hospitals NHS Trust, Kingston upon Hull, UK, ²Hull York Medical School, East Yorkshire, UK, ³Birmingham Clinical Trials Unit, University of Birmingham, Birmingham, UK, ⁴Department of Renal Medicine, Queen Elizabeth Hospital, Birmingham, UK, ⁵Department of Renal Medicine, Leicester General Hospital, Leicester, UK, ⁶National Heart & Lung Institute, Imperial College London, London, UK and ⁷Sheffield Kidney Institute, Sheffield, UK

Correspondence and offprint requests to: Sunil Bhandari; E-mail: sunil.bhandari@hey.nhs.uk



Nephrol Dial Transplant (2016) 31: 171–173 doi: 10.1093/ndt/gfv351 Advance Access publication 6 October 2015

In Focus

'To block or not to block'; whether to continue renin–angiotensin–aldosterone system blockade in advanced chronic kidney disease

Marit D. Solbu^{1,2} and Alan G. Jardine¹

¹BHF Cardiovascular Research Centre, University of Glasgow, Glasgow, UK and ²University Hospital of North Norway, Tromsø, Norway

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"there is considerable uncertainty about the use, and effects, of blockade of the RAAS, and specifically the possible benefits or adverse consequences of withdrawal of ACEi and ARBs, in patients with CKD stage 4 and 5"

"It is an important issue with clinically relevant goals, which will have an immediate impact on the way we manage patients with common renal conditions"



- Year in review
- Patient identification, recruitment and randomisation
- Trial Procedures
- Proposed protocol changes



Patient Recruitment

| Identify potent | tial participants | | | | | | |
|---|--|--|--|--|--|--|--|
| Against inclusion/exclusion criteria | From medical records | | | | | | |
| | | | | | | | |
| Invite potential part | cicipants to take part | | | | | | |
| 1-2 weeks before next clinic appointment | REC-approved Letter to Accompany PIS | | | | | | |
| Record details of all participants considered for STOP-ACEi in the approach log | REC-approved Participant Information Sheet | | | | | | |
| | | | | | | | |
| Discuss participation in STOP-ACEi | | | | | | | |
| At next clinic appointment | Discuss risks/benefits - equipoise | | | | | | |
| | | | | | | | |
| Informed Co | nsent Process | | | | | | |
| Appropriately trained medically qualified staff | Optional consents | | | | | | |
| | | | | | | | |
| Final eligit | pility check | | | | | | |
| Appropriately trained medically qualified staff | | | | | | | |
| | | | | | | | |
| RAND | OMISE | | | | | | |





| Main Inclusion criteria | Main Exclusion criteria |
|---|---|
| ≥18 years | Uncontrolled BP (≤160/90 mmHg or more than 5 agents to control BP) |
| Advanced (stage 4 or 5) CKD | On dialysis or had transplant |
| Progressive deterioration in renal function (fall in eGFR of >2ml/min/year, confirmed using the eGFR decline calculator provided) | Unsuitable for trial due to prognosis/projected survival of less that 12 months |
| Pre-dialysis, with no previous transplant | MI or stoke in last 3 months |
| On ACEi and/or ARB ≥6 months with at least 25% of the maximum recommended daily dose on the day of consent | Immune-mediated renal disease that requires disease-specific treatment |
| Controlled BP (≤160/90 mmHg) | Participation in interventional research in last 6 weeks |
| 3 months' specialist renal follow-up | Unable to comply with trial schedule and follow-up |
| Written informed consent | Unable to provide informed consent |

• More details in the Protocol



Eligibility - eGFR decline

- Fall in eGFR of >2ml/min/year measured by linear regression.
- 1 reading within the last 3 months
- 3 readings per year needed for accuracy
- All readings within last 24 months
- No need to include all results, but omissions should be clinically justifiable
- Patient must be clinically in decline and pass the decline test

| Male/Female | Female | |
|----------------------|-------------------|---|
| s ethnicity black? | No | |
| te of Birth: | 12/05/1945 | |
| reening date: | 21/08/2016 | |
| Rate of decline: | -4.86 mL/min/year | |
| ls patient eligible? | ELIGIBLE | |
| | | |
| Date of result | Serum creatinine | |
| 18/09/2015 | 207 | •••• |
| 15/10/2015 | 197 | 21 |
| 13/11/2015 | 218 | y = -4.8603x + 15.984 19 🔶 19 |
| 09/01/2016 | 241 | 17 |
| 03/03/2016 | 220 | |
| 01/05/2016 | 255 | |
| 24/07/2016 | 237 | -2.00 -1.75 -1.50 -1.25 -1.00 -0.75 -0.50 |
| | | Time (in years) |
| | | |
| | | Please see the trial protocol for full details of the eligibility requirement for |
| | | deteriorating renal function |
| | + | |
| | | • Number of results within the last 3 months = 1 |
| | | Results older than 2 years or future dates will be highlighted in red |

35

30

25

20



Eligibility - eGFR decline

| Welcome, Marie Va Last Login date: 17- | | | | | | You are connected to: Liv | e <u>Change Logout</u> | | |
|---|---------------------------------------|--|-------------------|------------------|-----------|---------------------------|------------------------|--|--|
| STOP | | i | | | | | BO | | |
| HOME | PATIENTS | EGFR CALCULATOR | ADMINIST | RATION | HELP | TRIAL WEBSITE | -428.0. | | |
| | | | | | | | | | |
| | | eGFR | Decline R | ate Calcula | itor | | | | |
| This tool will calculate the rate of deterioration in renal decline based on a patient's creatinine results. Please use this tool to check if a patient has a fall in eGFR of >2ml/min/year, as required for the STOP-ACEi trial. | | | | | | | | | |
| | | needs to meet all the other point of randomisation. | eligibility crite | ria to be eligib | le for th | e STOP-ACEi trial. | | | |
| Patient DOB (dd- | mmm-yyyy) | | 1 | 5-Jun-1950 | | | | | |
| Patient sex | | | | Female 🔻 | | | | | |
| Participant Ethni 31 - White - English | | Northern Irish / British | | • | | | | | |
| How many eGFR | readings (taken | over the last 24 months) do | o you wish to | | | | | | |
| enter. | | | 7 | 1 | | | | | |
| | east 3 creatinine nust be taken wi | | | | | | | | |
| Creatinine 1: | | 207 | µmol/L | 18-Sep-2015 | Date: | | | | |
| Creatinine 2: | | 197 | μmol/L | 15-Oct-2015 | Date: | | | | |
| Creatinine 3: | | 218 | µmol/L | 13-Nov-2015 | Date: | | | | |
| Creatinine 4: | | 241 | µmol/L | 09-Jan-2016 | Date: | | | | |
| Creatinine 5: | | 220 | µmol/L | 03-Mar-2016 | Date: | | | | |
| Creatinine 6: | | 255 | μmol/L | 01-May-2016 | Date: | | | | |
| Creatinine 7: | | 237 | µmol/L | 24-Jul-2016 | Date: | | | | |
| Based on these r | eadings, this pa | .94 (mL/min/year) tient is ELIGIBLE for STOP-# | ACEI | | | | | | |
| Negative value in | dicates decline. | | | | | | | | |



Eligibility – doing a 'dry run'

| Last Login date | e Valente (MV975). : 17-Aug-2016 P-ACE | | You are connected to: Live <u>Cano</u> | | | | | | | |
|-----------------|---|------------------------------|--|-------------|---|--|--|--|--|--|
| HOME | | EGFR CALCULATOR | ADMINISTRATION | HELP | TRIAL WEBSITE | | | | | |
| trial number | | | nformation. On completior | the patient | ion Service will be randomly allocated treatment. A patient allocation is automatically sent to the | | | | | |
| If you | | the STOP-ACEi Trial please o | | | or see the <u>Trial Information Website</u> ebadmin@contacts.bham.ac.uk | | | | | |



Eligibility – doing a 'dry run'

| Welcome, Marie Va Last Login date: 17- | | | | | | | | | Y | ou are cor | nnected t | o: Training | Change L | ogout o |
|--|---------------------------------------|----------------------------------|-------------|------------------|------------|------------------|-------------|------------|-------------|------------|-----------------|------------------|------------|-----------------|
| STOP | - | | L | | | | | | | | | | BIRA | |
| HOME | PATIEN | NTS | EGFR C | ALCULATO | DR | ADMINIS | TRATION | HEL | .р т | RIAL WEE | BSITE | | | |
| Patients : Enter new pa | 1 (drift | L ^{OP} | Light's | A TOPE | Linit | ~ ⁽⁰⁾ | 1 total | 1 totali | Algerit. | 1 totali | LOUI | Ardicit' | 1 (arth | L ^{OP} |
| Has the patient g | , D | ten infori | med cons | ent | e, | وبر ت | <i>6.</i> , | e. | Ø. | | • 10 | (anima | raining | (raining |
| Has the participa of biomarkers bo Has the participa | th within | this stud | ly and in f | future rela | ated studi | ies? | | <u>22</u> | | | • | 1. Califing | 1 Califing | Colinito |
| Information Cent about their long- NHS number for t | tre and cu term heal this purpo | irrent and Ith status ose? | d future U | JK NHS bo | dies bein | g used in t | he future | to provide | e informati | ion | | Tains | - Control | Linging |
| Patient DOB (dd- Patient sex | mmm-yyy | / y) | | | | | • 10 | | | | in ^o | | | |
| Participant Ethnic | city | | | | | | 4 car | 4 rolls | 1 raile | 1 toll | 1 tall | 19 ¹⁰ | 1 rails | 1 Color |
| Califina Califica | 4 raining | 1-tabilities | 1 caring | 4 raining | -raining | 4 raining | 1 tabling | Training | 4 raining | 4 raining | 1 carines | 4 raining | (taining | Libitito |
| Raining Land | - coline | - coloing | - coline | Arability | - coline | - toping | A CONTROL | A Collinso | A Coliffee | A Coliffee | 1. Califina | NEX PREVI | aline of | Training |
| COLEXIT CONTR | 4 raining | Linith | Training | -robins | -rolling | Lighting | -robine | -raining | - robins | - raining | -rising | -roining | - raining | Libinin |



Eligibility – Proposed changes

- Risk of CKD progression demonstrated by...
 - Fall in eGFR of >2ml/min/year measured by linear regression
 - OR presence of proteinuria

 Requirement for at least 3 months of renal follow-up will be removed

Improvements are planned for the patient information sheets



Patient Recruitment

| Identify potent | tial participants | | | | | | |
|---|--|--|--|--|--|--|--|
| Against inclusion/exclusion criteria | From medical records | | | | | | |
| | | | | | | | |
| Invite potential part | cicipants to take part | | | | | | |
| 1-2 weeks before next clinic appointment | REC-approved Letter to Accompany PIS | | | | | | |
| Record details of all participants considered for STOP-ACEi in the approach log | REC-approved Participant Information Sheet | | | | | | |
| | | | | | | | |
| Discuss participation in STOP-ACEi | | | | | | | |
| At next clinic appointment | Discuss risks/benefits - equipoise | | | | | | |
| | | | | | | | |
| Informed Co | nsent Process | | | | | | |
| Appropriately trained medically qualified staff | Optional consents | | | | | | |
| | | | | | | | |
| Final eligit | pility check | | | | | | |
| Appropriately trained medically qualified staff | | | | | | | |
| | | | | | | | |
| RAND | OMISE | | | | | | |



MRC START sub-study



Hull and East Yorkshire Hospitals

PARTICIPANT INVITATION AND INFORMATION SHEET

Trial Title:

Multi-centre Randomised Controlled Trial of Angiotensin Converting Enzyme inhibitor (ACEi) / Angiotensin Receptor Blocker (ARB) withdrawal in advanced renal disease; The STOP-ACEi Trial.

Invitation to take part in this research study

Thank you for reading this information sheet about the **STOP-ACEi** trial; we would like to invite you to take part. Before you decide whether or not you would like to take part, we would like you to understand why the research is being done and what it would involve for you. Please take time to read the following information carefully and discuss it with others and your doctor if you wish. Do feel free to ask if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

Part 1 tells you the purpose of this trial and what will happen to you if you take part.

Part 2 gives you more detailed information about the conduct of the trial.

To find out more about the study see:

www.stopacei.com







Lead researcher, Prof Sunil Bhandari, talks about the importance of the kidney disease study.

Why is this study important?

Chronic kidney disease (CKD) affects 1 in 10 adults in the UK and can lead to serious outcomes such as the need for dialysis or kidney transplant.

For people with CKD it is important to keep blood pressure under control. This can prevent CKD progressing to kidney failure.

New findings from a small study found that for some patients who have advanced CKD and whose condition is getting worse, changing blood pressure medication led to their CKD stabilising or even getting better.

At the moment, doctors do not know which are the best blood

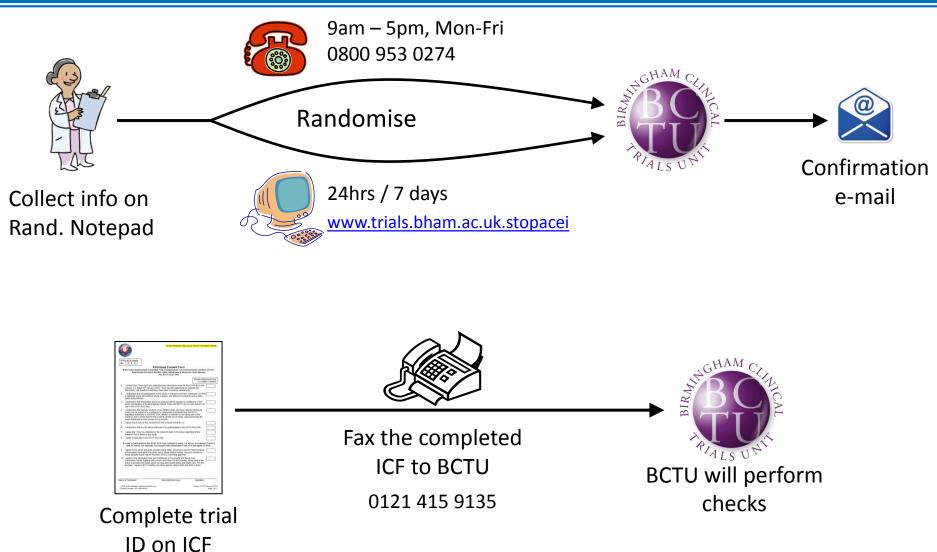
Who is eligible?

We need to study people with CKD who may benefit from stopping some of their existing drugs. We are interested in people who:

- Are aged 18 years or over
- Have advanced CKD and are not on dialysis therapy
- Have kidney disease that is getting worse
- Have been taking either ACEi or ARB tablets, or a combination of both, for more than 6 months
- Have controlled blood pressure
- Have been under specialist kidney follow-up for at least 3 months



Randomisation





- Year in review
- Patient identification, recruitment and randomisation
- Trial Procedures
- Proposed protocol changes



Trial visits and procedures

| Trial visit number | | 1 | Phone call | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|---|-----------|----------|---------------|---|---|--------|---------|------|----|----|----|----|----|----|----|
| Visit month (± 2 weeks) | Screening | Baseline | Pho | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| Inclusion and exclusion criteria | Y | Y | | | | | | | | | | | | | |
| Informed consent / randomisation | | Y | | | | | | | | | | | | | |
| Demographics: Date of birth, gender, ethnicity | | Y | | | | | | | | | | | | | |
| Medical history including cardiovascular co-morbidity & CKD aetiology | | Y | | | | | | | | | | | | | |
| Smoking status / alcohol intake | | Y | | | | | | | | | | | | | |
| Height | | Y | | | | | | | | | | | | | |
| Weight / BMI | | Y | | | | | Y | | | | Y | | | | Y |
| Blood pressure | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Record ESA dose | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Record data from cardiac echo + | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Changes to anti-hypertensive / con-medication ‡ | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Compliance with the trial treatment allocation | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Adverse event documentation | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | | | | | Routi | ne te | sts | | | | | | | |
| eGFR and BCP* | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| FBC** | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Urinary PCR by early morning spot urine | | Y | | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| CRP | | Y | | | | | Y | | | | Y | | | | Y |
| | | | | | A | dditio | onal te | ests | | | | | | | |
| Six minute walk test | | Y | | | | | Y | | | | Y | | | | Y |
| KDQOL-SF™ v1.3 Questionnaire | | Y | | | | | Y | | | | Y | | | | Y |
| 12 Lead ECG | | Y | | | | | Y | | | | Y | | | | Y |
| Cystatin-C / NT proBNP / ACE / Renin | | Y | | | | | Y | | | | Y | | | | Y |
| Serum and urine samples for biomarker analysis *** | | Y | | | | | Y | | | | | | | | Y |
| | | | | | | | | | | | | | | | |



- Flexible follow-up in line with routine visits for interim assessments
- A more structured path for partial withdrawal
- Removal of patient diaries



| | What will be tested | Where analysed | When samples taken |
|----------------------------|---|------------------------|---|
| Routine tests | Biochemical profile eGFR Full blood count Urinary PCR CRP | Locally, at your site. | Baseline Every 3-monthly trial visit (CRP taken annually) |
| Standard Trial Samples | Cystatin-C NT-proBNP ACE Renin levels | Centrally, at Hull lab | Baseline, Month 12, Month 24, Month 36 |
| Optional Biomarker Samples | unknown biomarkers in future analysis | Centrally, at Hull lab | Baseline, Month 12, Month 36 |

- See protocol for details of BCP and FBC
- Centrally analysed samples
 - Prepare according to trial guide in site file
 - Store at -80°C until sent to central lab in Hull
 - BCTU to arrange transport approx. annually



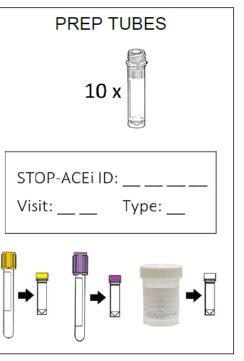
Preparing the tubes and labels

Please prepare the tubes and labels before taking any samples to avoid confusion. You will not be able to tell the difference between types of sample once they are separated so the tubes need to be labelled first. We recommend that you do this before the patient arrives.

- Please use the provided screw-cap bottles.
- You will need 4 x bottles for the standard trial samples and 6 x bottles for biomarker serum samples (= 10 bottles in total) for each visit.
- Label all bottles with the participant trial ID number, the trial visit and sample type (i.e. plasma, serum or urine) using the stickers provided.
- Put the label on the tube vertically so that the sample is visible from top to bottom on the other side of the tube.

Please do not write the hospital number or patient name on the bottles to prevent sharing patient identifiable information

• Use yellow caps for the serum samples and purple caps for the plasma samples to match the blood collection tubes. Use clear caps for urine samples

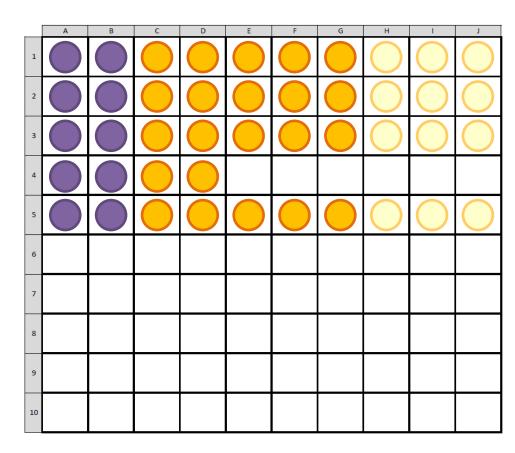




| Sample Preparation NB. Renin samples must be prepared and frozen within 1 hour of venepuncture. | | |
|---|------------|---------|
| Blood samples only. After taking the samples, leave them to stand <u>upright</u> at room temperature for 10-20 min, but no longer than 2 hours, to allow clotting. | \bigcirc | CLOT |
| Blood samples only. Centrifuge samples at 3000 rpm (~1500g) for 5 mins. | Ċ | SPIN |
| <u>Blood and urine samples</u> . Aliquot the samples into the <i>labelled</i> tubes. Tubes should be ³ / ₄ full (approx. 1 mL) if possible. Cap with the appropriate caps (yellow = serum, purple = plasma, clear = urine). | | ALIQUOT |
| <u>Blood and urine samples</u> . Freeze the samples upright at -80°C as soon as possible after aliquoting. Update the freezer log . | | FREEZE |



| | STOP-ACEI Freezer Log Please update this log every time you put STOP-ACEI samples into the freezer. You will be asked to submit a copy of the log when you transport samples. The log should be completed electronically, but you can print a hard copy to keep by the freezer if this helps. | | | | | | | | | | | | | | | | | | | |
|---|--|------|-----|------|-----|-------|-----|-------|-----|-------|-----|---------|-----|-------|-----|-------|-----|-------|-----|-------|
| | Hospital: Hull Royal Infirmary Box number: 099 | | | | | | | | | | | | | | | | | | | |
| Box location (freezer and room no.): Research Freezer, Pathology department, HRI ID = Participant trial ID number T = Type of sample (i.e. serum, urine or EDTA plasma V = Trial visit. BL = baseline, 12 = 12month, 24 = 24 month, 36 = 36 month | | | | | | | | | | | | plasma) | | | | | | | | |
| | A B C D E F G H I J | | | | | | | | | | | | | 1 | | | | | | |
| | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 | ID: | 1001 |
| 1 | V: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | V: | BL | v: | BL |
| - | T: | EDTA | T: | EDTA | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Urine | T: | Urine | T: | Urine |
| | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 | ID: | 1002 |
| 2 | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL | V: | BL |
| - | T: | EDTA | T: | EDTA | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Urine | T: | Urine | T: | Urine |
| | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 | ID: | 1003 |
| з | V: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | v: | BL | V: | BL | V: | BL |
| | T: | EDTA | T: | EDTA | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Urine | T: | Urine | T: | Urine |
| | ID: | 1004 | ID: | 1004 | ID: | 1004 | ID: | 1004 | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | |
| 4 | V: | BL | V: | BL | V: | BL | V: | BL | V: | | V: | | V: | | V: | | V: | | V: | |
| | T: | EDTA | T: | EDTA | T: | Serum | T: | Serum | T: | | T: | | T: | | T: | | T: | | T: | |
| | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 | ID: | 1005 |
| 5 | V: | BL | v: | BL | v: | BL | V: | BL | v: | BL | v: | BL | v: | BL | v: | BL | V: | BL | V: | BL |
| | T: | EDTA | T: | EDTA | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Serum | T: | Urine | T: | Urine | T: | Urine |
| | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | | ID: | |
| 6 | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | |
| | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | |
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| 7 | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | |
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| 9 | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | |
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| 10 | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | | V: | |
| | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | | T: | |





KDQoL-SF[™] Questionnaire

- Importance for the trial
 - Can't assess effect of trial treatment on patient wellbeing without input from the patient
 - Disease-specific
- Completed by participant
- Ideally alone to prevent influence
- RN can check for completeness or causes for concern
- Consider timing before uncomfortable assessments or randomisation
- Allow time While patient is waiting to be seen



Six-minute walk test

- Importance for the trial
 - Test the effect of the trial intervention on physical function
- Follow the trial guide (based on validated ATS guide)
- Identify a space
 - Measured
 - Consistently available
 - No obstructions
- Standardised script to follow
- Consider safety
- Consider timing patient at rest for ECG and BP



Six-minute walk test

• There's a worksheet at the back of the trial guide.

| Source Document Worksheet for STOP-ACEi 6MWT |
|---|
| You can use this worksheet to help record the details of the 6MWT. NB Only the details on the study CRFs are required for the trial, but you can photocopy and use this for your source documents. |
| Trial No.: Assessment date: D I M M I Y |
| Assessment point: |
| Visit 1 (baseline) Visit 5 (month 12) Visit 9 (month 24) Visit 13 (month 36) |
| People administering test: |
| Is lap length 60 m? No Yes If no, lap length: m |
| Clinical observations before test: e.g. BP, heart rate, participant fit to perform test etc. |
| Test performed? No Yes |
| Reason not performed: where applicable |
| Lap counts: |
| Distance of final partial lap: m |
| Total distance walked: m rounded to nearest metre |
| 6 minutes completed? No Yes If no, stopped after: min sec |
| Reason for stopping prematurely: where applicable |



Pharmacy considerations

- Choice of drugs used is at clinician's discretion
 - ACEi/ARB
 - Other antihypertensives
- Standard Pharmacy stocks used
- No need for additional pharmacy management
 - Accountability logs
 - Study-specific prescription
 - Normal checks and clinical governance





Casenote documentation

- See guidelines in ISF
- When patient is approached
 - Name of trial
 - Date approached about study or PIS given
 - Copy of PIS
 - Date of consent + record of discussion to show patient is 'informed'
 - Copy of signed consent form
 - Trial ID number
 - Arm they've been randomised to
 - Name of PI to contact about the study if any issues
- For each visit
 - Date and study visit number e.g. STOP-ACEi baseline visit
 - Any clinically relevant information e.g. medical history, changes to treatment/prescriptions, results of any medically relevant trial assessments
 - For AEs, a brief description of the event inc. start/stop dates and results of any clinically pertinent assessments made relating to the AE



Proposed changes – summary

- Changes to eligibility criteria:
 - Risk of progression demonstrated by proteinuria or by the existing standard of declining renal function
 - Removal of the requirement for 3 months renal follow-up
- Flexible follow-up in line with routine visits for interim assessments
- A more structured path for partial withdrawal
- Improvements to patient information sheets