



Research Activity Report (2022-23)

Mr Stephen O'Neill MSc PhD FRCS

On behalf of the Medical Advisors to the NIKRF

28th of June 2023

Outline



- NIKRF supported research areas
- QUB Nephrology Research
- Recruitment to clinical trials
- NIKRF Funded projects

NIKRF supported research areas



- Diabetic kidney disease
- Factors influencing the long-term success of renal transplantation
- Increased risk for heart disease in persons with chronic kidney disease
- Safer ways of prescribing intravenous fluids
- Reasons for rapid weight loss in dialysis patients
- Chronic kidney disease and blood vessel changes in the eye
- Genetic risks for kidney disease
- Acute kidney injury

QUB Nephrology Research – Public Health



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QUB Nephrology Research – Nursing



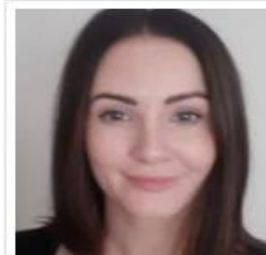
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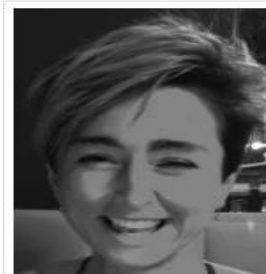
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NIKRF funded projects

- Covid-19 Renal Study
- Renal Cachexia
- Renal Arts Group



**QUEEN'S
UNIVERSITY
BELFAST**

SCHOOL OF
NURSING AND
MIDWIFERY



Recruitment ACCess Study

ACCESS study
@study_access

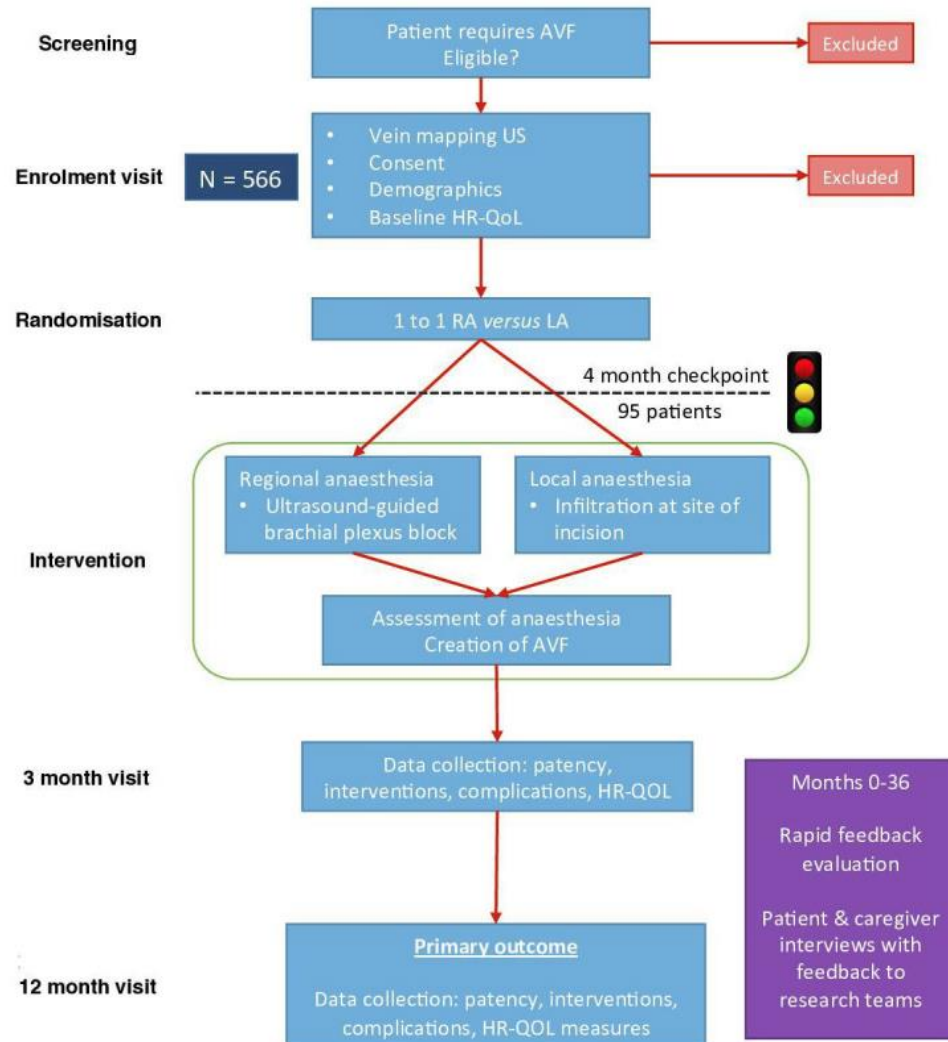


After a late surge from @NNUH and @OUH_Research our final recruitment leaderboard is:

1. QEUH
2. Cambridge
3. Belfast
4. Stobhill
- 5= Guy's, N&N

@NHSGGC @CUH_Transplant @BelfastTrust
@GSTTnhs

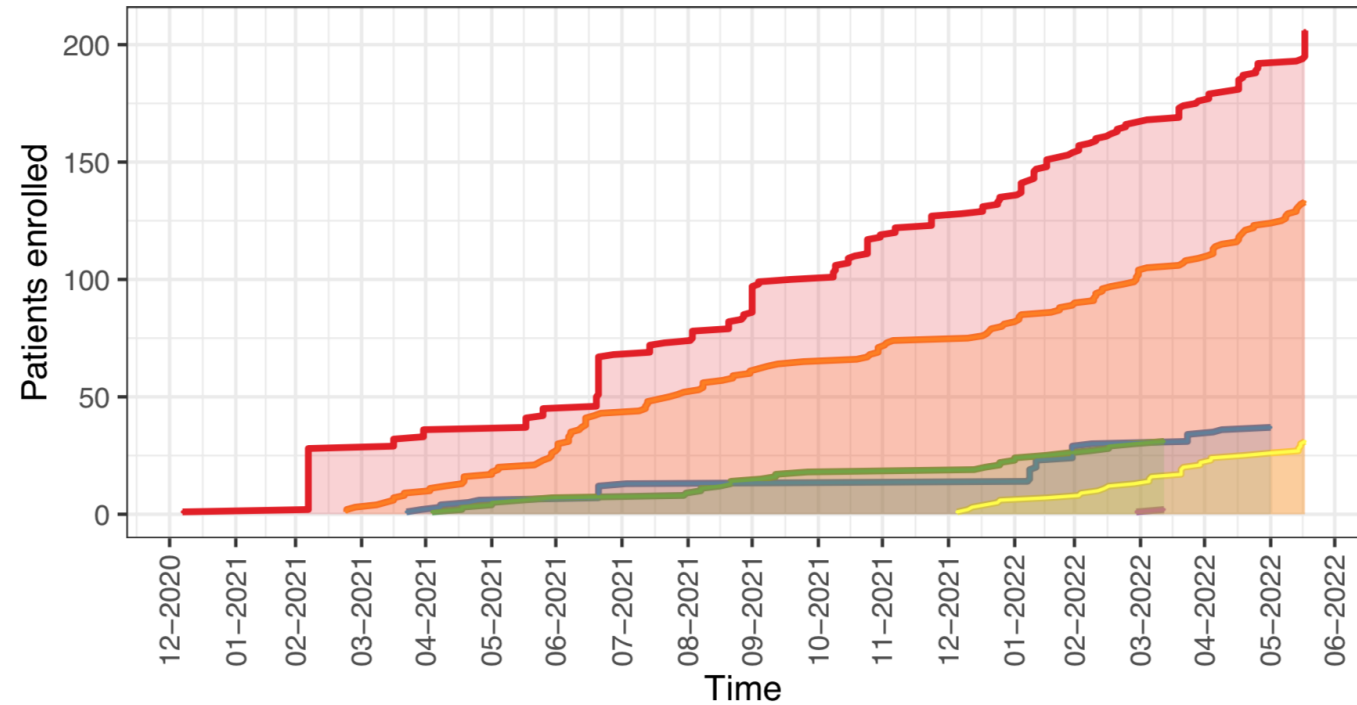
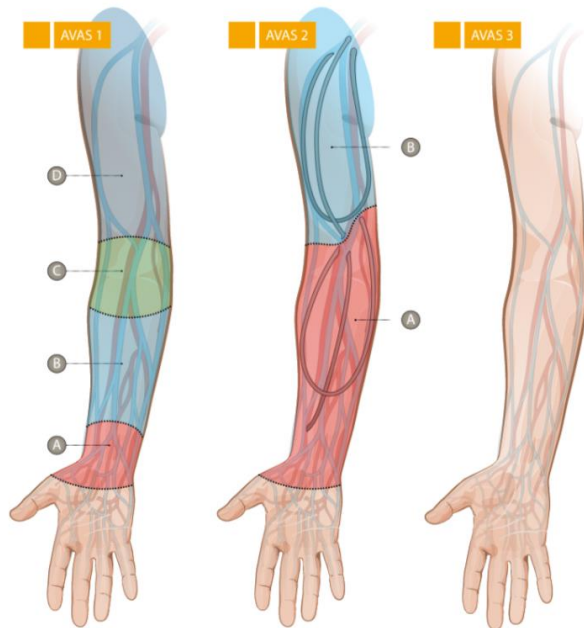
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ACCESS study @study_access · May 15
Congratulations everyone! Recruitment completed!
569 patients from 20 sites recruited and randomised. #teamwork
@NIHRresearch @nrsrenal

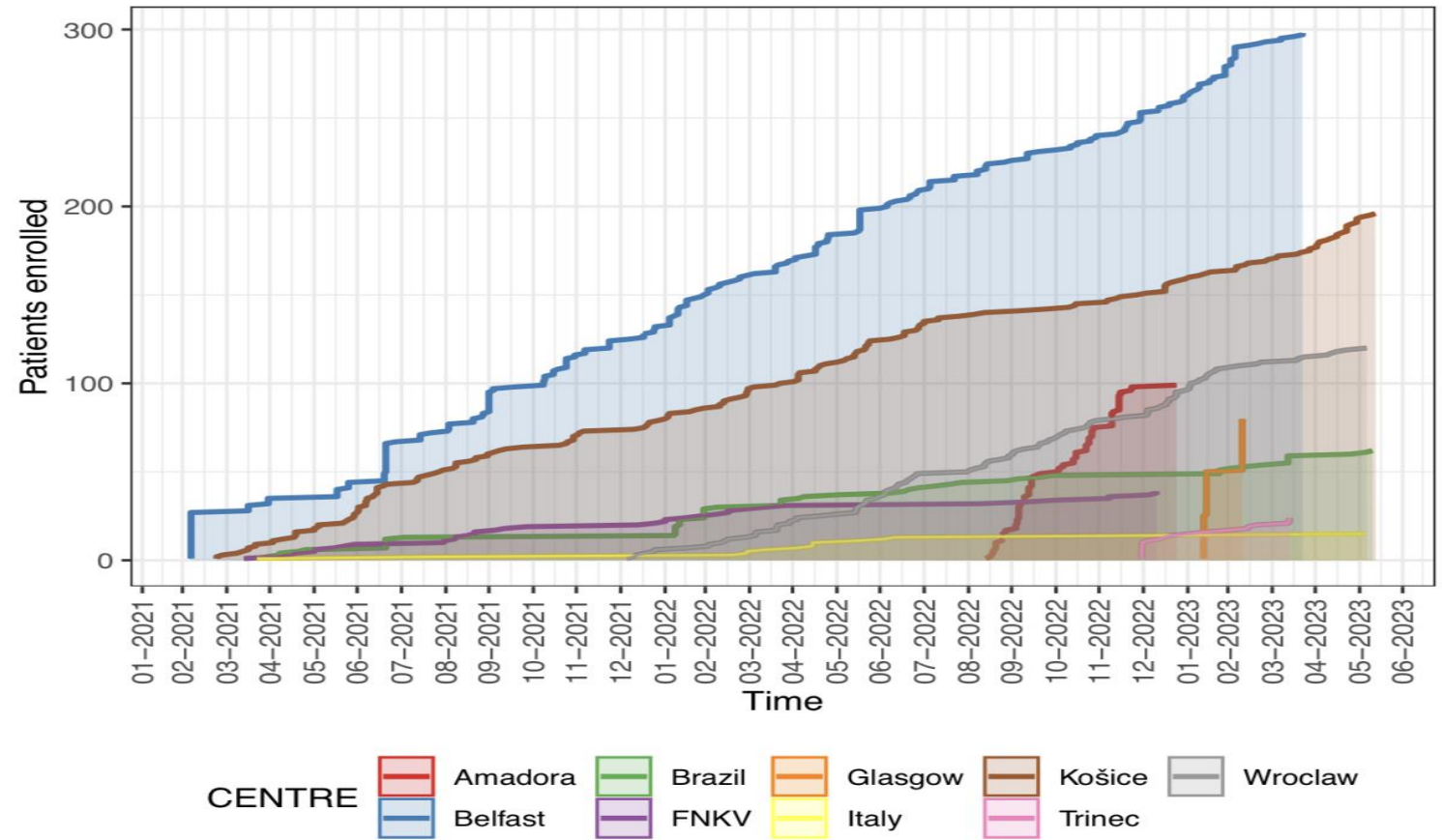
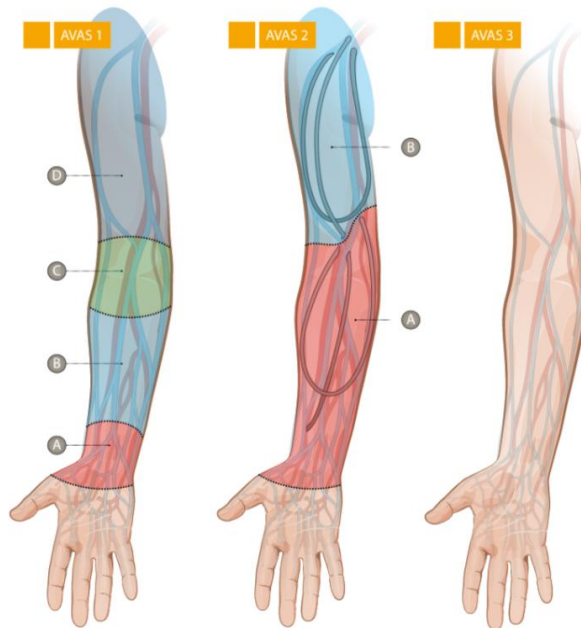


Recruitment VAVASC Study - 2022



Recruitment VAVASC Study - 2023

1 Recruitment curve by centre



Estimated enrollment: 800 participants
 Completion date: 31/12/24
 Follow-up: 3 years

Figure 3: Recruitment curve by centre

Applying for funding



- Applications for funding from the NIKRF involve:
 - Submission of a case for support form
 - Proposal presentation to NIKRF advisors at a monthly **Renal Research in Progress Meeting**
- Recipients of funding from NIKRF will be expected:
 - To engage with patient and public involvement
 - Present a project update for the NIKRF Annual General Meeting

Funding allocated since 2022 AGM



- 23/05/23 - Tiernan Coulter/ Prof AJ McKnight (£2200) - 8 week summer studentship. Exploration of telomere biology in kidney disease patients. NIKRF – Janet Greeves Legacy Fund Training Grant
- 22/05/23 - Dr Clare McKeaveney (£120k)- Using the ADAPT Guidance to Refine a Video Educational Series for Kidney Transplantation and living donation - 18 months
- 13/10/22 - Dr Carolyn Blair (£26.7k - 50% fundings with matched funding from PHA) - A Cochrane systematic review assessing the effects of multimodal interventions that aim to alleviate and/or stabilise cachexia or forms of wasting in citizens with a chronic illness (including chronic kidney disease) - 12 months
- 04/07/22 - Dr Michael Toal (£223.6k) - Can cost effective strategies identify and stabilise higher risk patients with Immunoglobulin A Nephropathy and prevent end-stage renal disease? - 36 months
- 30/05/22 - Prof Helen Noble (£34.6k) - Scoping the practice of art in nephrology across the UK - 12 months

Thank you

- NIKRF members
- Linda Trouton



#LightingtheWay