

Cardiovascular, Metabolic and Kidney disease : crosscutting science and best practice in multi-morbidity

Royal College of Physicians, 11 St Andrews Place, London NW1 4LE
Monday 1st July 2019

9.30 am - Session 1: 'The challenges from a point of care perspective' (total 30 mins)

Chair : Phil Kalra – Introduction and aims of the conference (10mins)

A patient and clinician to set the scene in terms of current practice and what it is like for the patient at point of care (e.g. diabetic with cardio-renal disease) (20 mins).

Clinician: Jackie Taylor (Geriatrics, Glasgow)

10.00 am - Session 2: 'Epidemiology and health inequalities in the multi-morbid population' (total 70 mins)

Chair : John Wilding (Endocrine/obesity, Liverpool)

Dorothea Nitsch (Nephrologist, UCL): Epidemiology of Multi-morbidity in the UK – (Cardiovascular, Renal diabetes, obesity and health inequalities) (20 mins)

'Research needs of the multi-morbid population'

Stephen Powis (NHS Medical Director): The healthcare providers' perspective – current and future policy – (20 mins)

Paul Elliott (MRC): The funder's perspective – multimorbidity and translating basic science into the best clinical trials (20 mins)

Questions (chaired by JW): (10 mins)

11.10 am Coffee (20 mins)

11.30 am Session 3: Accelerating research using current data and sample resources (total 60 mins)

Chair: Tom Robinson (Stroke medicine, Leicester)

Data sets : including NHS digital, UK Renal Registry, NICOR, Stroke Registry, Diabetes National Audit CPRD : (20 mins) – Fergus Caskey (Nephrology, Bristol)

Research networks and existing cohorts (20 mins): UKKRC, BHF and DUK CSGs, Stroke Writing Groups + NIHR CRN Cluster A to showcase excellent platform for future studies - David Wheeler (Nephrology, UCL)

Biomarkers (e.g. MRC Strat Med, NURTuRE + others) (20 mins) - Maarten Taal (Nephrology, Derby)

12.30 pm Lunch (60 mins)

1.30 pm Session 4: Underpinning scientific development and methodological issues (total 60 mins)

Chair: Paul Cockwell (Nephrology, Birmingham)

- Omics potential (20 mins) – Des Johnson (Diabetology, Imperial) : use of genomic data to individualise treatment in diabetes
- Imaging potential (20 mins) –Sue Francis (Science – UKRIN, Nottingham)
- Devices and telemonitoring (20 mins): Martin Cowie (Cardiology, Imperial).

2.30 pm Session 5: Current and future Industry plans for multi-morbidity research (50 mins)

Chair: Claire Sharpe (Nephrology, Kings, London)

Improving multi-morbidity with newer anti-diabetic therapies – John McMurray (Cardiologist, Glasgow) (20 mins)

Medicines development (fibrosis, inflammation) – 2 x senior industry scientists – Tim Johnson (UCB) 15 mins / Robert Unwin (Astrazeneca) 15 mins

3.20 pm Tea (30 mins)

3.50pm Session 6: UK Clinical platform for multi-morbidity research (total 70 mins)

Joint Chairs: John Feehally (Nephrology, Leicester) and Simon Heller (Diabetology, Sheffield)

- Panel Session – (1-2 panel members from each specialty with targeted questions) – (55 mins)
 - include questions to cover psychiatry/mental health
 - Two patients to be part of discussion

Proposed way forward (15 mins): Phil Kalra and Sandra Currie (KRUK)

Concluding remarks

5 pm Finish