ACUTE KIDNEY INJURY REQUIRING RRT IN RENAL UNITS

Catriona Shaw
Research Fellow
UK Renal Registry
BACKGROUND: AKI REQUIRING RRT IN RENAL UNITS

CQUIN

- Nationally agreed core dataset
- Adults requiring RRT (+/- PEX) in renal units

Year One (April 2014)

- Submission by all main renal units of a new nationally developed acute kidney injury (AKI) core minimum data set to the UKRR

Year Two

- Stretch targets agreed at Trust level to improve identification and management of AKI.
PRELIMINARY AIMS

- To design and help facilitate a nationally agreed core dataset to collect information on individuals with Acute Kidney Injury (AKI) who require Renal Replacement Therapy (RRT). The use of Plasma Exchange (PEX) in this population will also be identified.

- To facilitate renal units to meet quality measures, namely the CQUIN for AKI.
PROJECT GROUP

- UKRR based project team
- Expert clinical group
- Representation at the AKI Delivery Group
DEFINING THE POPULATION

- Defining AKI
- AKI with normal baseline function
- Acute on chronic kidney disease
- Acute dialysis in patients who may have AKI or rapidly deteriorating CKD
VARIABLES

- Well defined, limited core dataset, time line data
- Demography
- Biochemistry
- Vascular access
- RRT session details
- PEX session details
- Outcomes (discharge details, biochemistry, mortality)
FUTURE

- Other types of acute RRT
- Expand the population base (denominator)
- PROMs
- Health economics
- Epidemiology
THANK YOU

Dr J Medcalf
Prof D O’Donoghue
Dr M Ostermann
Dr C Laing
Dr I John
Dr D Fogarty
Dr N Selby
Dr A Lewington
Dr A Abraham
Jenny Scott
Dr C Shaw
Sue Shaw

AKI Delivery Group
UKRR team
Renal Units