

Appendix 2. List of data variables

Data Variable	Data source	Description
ICU location	TRACER/Enterprise	admission ICU
Age	TRACER/Enterprise	years
Sex	TRACER/Enterprise	M/F
BMI	TRACER/Enterprise	n/a
Date of Hospital Admission	TRACER/Enterprise	dd/mm/yyyy
Date of ICU Admission	TRACER/Enterprise	dd/mm/yyyy
Admission class	TRACER/Enterprise	med/surg/neuro/trauma
ICU discharge location	TRACER/Enterprise	unit/hospital
ICU Admission Diagnosis CV Respiratory Gastrointestinal Genitourinary/Renal Endocrinological/Metabolic Neurological Trauma Burn Sepsis Surgery	TRACER/Enterprise	yes/no
Co-morbidities AIDS Chronic Dialysis Chronic Heart Failure Respiratory Insufficiency Cirrhosis Diabetes Mellitus Hepatic Failure Immune Suppression Leukemia Lymphoma Metastatic Cancer Coronary Artery Disease	TRACER/Enterprise	yes/no
Clinical Frailty Scale	TRACER/Enterprise	number
APACHE II Score	TRACER/Enterprise	number
SOFA score	TRACER/Enterprise	number
Invasive/non-invasive ventilation	TRACER/Enterprise	hrs/min
Vasopressors (include type)	TRACER/Enterprise	hrs/min
CRRT Duration	TRACER/Enterprise	hrs/min
Cumulative daily fluid balance prior to RRT	TRACER/Enterprise	mls
Creatinine, urea, pH, bicarbonate, potassium on day of RRT initiation	TRACER/Enterprise	result

Renal Recovery at ICU Discharge	TRACER/Enterprise	y/n - IHD
Renal Recovery at Hospital Discharge	NIS/PARIS/DIMR	y/n - IHD/PD
Renal Recovery at 90 days	NIS/PARIS/DIMR	y/n - IHD/PD
ICU Mortality	TRACER/Enterprise	A/D
Hospital Mortality	TRACER/Enterprise	A/D
90-day Mortality	DIMR	A/D
ICU length of Stay	TRACER/Enterprise	days
Hospital Length of Stay	TRACER/Enterprise	days
Number of admissions to site	TRACER/Enterprise	aggregate
Patient days	TRACER/Enterprise	aggregate
Ventilator days	TRACER/Enterprise	aggregate
Dialysis days	TRACER/Enterprise	Days CRRT/IHD/SLED
CRRT data	Baxter	aggregate
Filter life		aggregate
Reasons for retiring filters		aggregate
Treatment time lost		aggregate
Prescription/dose		aggregate
Machine alarms		aggregate
Machine down times		aggregate
Type of coagulation		aggregate
Blood flow rates		aggregate
Filtration fraction		aggregate
Adverse events		aggregate
Economic data	DIMR	aggregate
Cost of filters, fluids, anticoagulation medications, dialysis catheters		aggregate
Patient life-years gained		aggregate
Quality of life adjusted years (QUALY)		aggregate
Re-hospitalizations		aggregate
Recurrence/chronic RRT		aggregate
Health care provider related costs		aggregate