

Supplementary Table 1. EHR sources of outcome data. Multiple entries per study.

Source	Number
(i) Primary care data (all regional equivalents)	8
Data linkage to primary care patient records. Access to their electronic GP records for primary health care linkage data.	1
EMIS or EMIS Health or EMISWeb (formerly known as Egton Medical Information Systems)	1
GP EPR	1
GP databases	1
GP practice EHRs (extracted anonymously by Optimum Patient Care (OPC))	1
GP records to electronically assess health care utilisation at 12 months	1
GP usage via Electronic Health Records (EHR) e.g. SystmOne / EMISWeb / Vision)	1
TRANSFoRm – an integrated electronic trial management platform	1
(ii) HES (and/or regional equivalents)	28
Central NHS records to electronically assess health care utilisation at 12 months	1
Hospital Episode Statistics (HES)	15
Hospital Episode Statistics (HES) or similar routinely collected data via Health and Social Care Information Centre (HSCIC)	1
Hospital Episode Statistics (HES) or the equivalent in the devolved nations	1
Hospital Episode Statistics (HES); Patient Episode Database for Wales (PEDW)	3
Hospital Episode Statistics (HES); Patient Episode Database for Wales (PEDW); Information Services Division (ISD) of NHS Scotland	2
Hospital Episode Statistics (HES); Patient Episode Database for Wales (PEDW); Information Services Division (ISD) of NHS Scotland; Health and Social Care Services Northern Ireland (HSNI)	1
Hospital Episode Statistics (HES); Patient Episode Database for Wales (PEDW); Information Services Division (ISD) of NHS Scotland; Northern Ireland Statistics and Research Agency (NISRA)	1
Information Services Division (ISD) Scotland for hospital admissions data	1
NHS Digital for the purposes of data linkage to obtain mortality data and hospital episode statistics	1
NHS Digital via data linkage (e.g. death registrations and Hospital Episode Statistics)	1
(iii) ONS (and/or regional equivalents)	27
Follow-up will primarily be by electronic record-linkage using unique identifiers to collect data on hospitalisations and mortality centrally without the need for study follow-up visits	1
Health and Social Care Information Centre (HSCIC) for mortality data	1
Mortality data (NHS Digital)	1
NHS Digital for the purposes of data linkage to obtain mortality data and hospital episode statistics	1
NHS Digital or ISD Scotland with a view to obtaining any corresponding death information	1
NHS Digital via data linkage (e.g. death registrations and Hospital Episode Statistics)	1
Office for National Statistics (ONS)	18
Office for National Statistics (ONS) data (for England and Wales; via NSSISD for Scotland)	1
Office for National Statistics (and their equivalent bodies in Wales, Scotland and Northern Ireland via the Renal Registry)	1
Participants will be flagged with NHS digital to ensure notification of any deaths and cause of death both during the current study and for longer term follow-up	1

Use of routinely collected data in a UK cohort of publicly funded randomised clinical trials
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Source	Number
(iv) Data collected specifically for patient group or healthcare intervention (to include patient registries, ICNARC, ambulance, etc)	44
Ambulance service data	1
Case Mix Programme (CMP) coordinated by the Intensive Care National Audit and Research Centre (ICNARC)	1
Central Registry Office or equivalent	1
Civil Registration Data	2
Intensive Care National Audit & Research Centre (ICNARC)	3
Linkage to National abortion registries through ISD Scotland and DOH England	1
Mental Health Minimum Data Set (MHMDS)	1
Mental Health Services Data Set	1
NHS Blood and Transplant Registry (NHSBT)	1
National Cancer Intelligence Network (NCIN)	1
National Cancer Registry Analysis Services (NCRAS) specifically the Systemic Anti-Cancer Therapy (SACT) dataset and the Radiotherapy Dataset (RTDS)	1
National Emergency Laparotomy Audit (NELA) with a small number of data fields being added to the NELA web portal for the trial	1
National Institute for Cardiac Outcomes Research database (NICOR)	1
National Joint Registry (NJR)	2
National Records of Scotland (NRS)	2
National UK TAVI Registry	1
Paediatric Intensive Care Audit Network for the UK and Ireland (PICANet)	2
Public Health England (PHE) data linkage for breast screening	1
Public Health England (PHE) for reportable infections (MRSA & MSSA)	1
SCTS National Audit Cardiac Surgery Database	1
SMR01 records	1
Scottish Care Information (SCI) Diabetes system	1
Scottish Diabetic Retinal Screening (DRS)	1
Scottish Intensive Care Society Audit Group (SICSAG) database	2
Scottish Morbidity Records	2
Scottish Renal Registry	1
Trauma Audit and Research Network (TARN)	2
UK Cystic Fibrosis Registry	1
UK Non-Arthritic Hip Registry	1
UK Renal Registry (UKRR)	5
United Kingdom and Ireland Association of Cancer Registries (UKIACR)	1
(v) Other	5
Central NHS databases administered by the Health and Social Care Information Centre and its counterparts in the devolved nations	1
Central UK NHS bodies for long-term outcomes	1
Data linkage with routine sources (e.g. NHS Digital or equivalent)	1
Linkage to routine NHS datasets	1
Routinely collected data held by the Information Services Division (ISD) of NHS Scotland, Business Services Authority (BSA, England) and Business Services Organisation (BSO, Northern Ireland)	1