

Individualised variable-interval risk-based screening in diabetic retinopathy: the ISDR research programme and RCT of safety, cost effectiveness and patient experience.

Supplementary material 2 ISDR data warehouse data fields, sources and input schema

TABLE 1 Data fields and sources in the ISDR data warehouse

Data source	Data fields
EMIS Web	NHS number, date of birth (for age), gender, postcode, ethnicity, recorded diagnosis of diabetes (type 1 or 2), date of first diagnosis of diabetes, recorded diagnosis of hypertension, total HDL and LDL serum cholesterol, triglyceride, HbA _{1c} (old and new units), diastolic and systolic blood pressure, height, weight, estimated glomerular filtration rate, albumin creatinine ratio, smoking status, diabetic control, medications prescribed for diabetes, hypertension or cholesterol
OptoMize (previously Orion)	NHS number, date of birth, logMAR visual acuity, feature specific photographic retinopathy and maculopathy grading
Diabolos (replaced by PENS)	NHS number, date of birth, logMAR visual acuity, feature specific biomicroscopy retinopathy and maculopathy grading, if visual impairment is due to DR
iPM	Appointment, clinic name, clinic code, session code, attendance status, primary procedure, admission, discharge, inpatient procedure

HDL, high-density lipoprotein; LDL, low-density lipoprotein; HbA_{1c}, glycated haemoglobin; logMAR, logarithm of the minimum angle of resolution; DR, diabetic retinopathy.

TABLE 2 Input data schema for patient details from EMIS data in primary care

Column	Header	Description	Example	Comment
1	Registration Status	Registration status	Registered	Static value for all records
2	NHS Number	NHS Number	Xxx xxx xxxx	Contains spaces
3	Organisation Code	NACS code (GP code no)	Nxxxxx	National Administrative Codes Service
4	EMIS Number	ID number (key patient identifier for EMIS Tables)	xxxx	Length varies, single digit to 8 digit
5	Postcode of the location of the usual GP	GP practice postcode (for those in Liverpool CCG which have signed up to the ISDR)	Lx xxx Lxx xxx	

programme)

6	Date of Birth	Date of Birth	dd-mm-yy	
7	Gender	Gender	Female	Male or female

Document: 'ISDR DataWarehouse_InputSchema_EMISDiabetesPatientDetails_20022014_v1.0'

