

Business Rules for Patient-level Data Extracts 2018/19

General Practice to Diabetic Retinopathy Screening (GP2DRS)

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1. Amendment history

| Version | Date | Amendment history |
|---------|-------------------|---|
| 1.0 | 31 July 2018 | Business Rules created using SNOMED codes for an existing service (incorporating April 2018 code release) following review. |
| 1.1 | 19 September 2018 | QID's added to the patient extract table |
| 1.2 | 04 January 2019 | Update to DRSELIGIBILITY_COD cluster. |

2. Background

2.1. Document purpose

The dataset and business rules documents produced by the NHS Digital Primary Care Domain Specification Development Service are created primarily for the uses of GPES and GP system suppliers. These documents contain specifications to communicate technical details of extracts from Primary Care systems which may be used to provide practice-level information regarding services and/or allocate rewards, such as payments or QOF points.

This document is **not** intended to be used in place of clinical guidelines, but may be referred to by any individual or organisation to aid understanding of which patients and/or activity are included in each population or output. Non-technical, textual descriptions of business rules can be found in the table columns highlighted in pale blue throughout the document.

2.2. Business rules supporting information

Further information regarding the setup of the business rules, terminology used and the calculation methods can be found in version 1.3 of the supporting information document which can be accessed here:

<http://www.digital.nhs.uk/qofesextractspecs>

2.3. Clinical codes

Any part of the dataset specification which uses clinical codes will have the relevant code cluster ID and version specified. The expanded code lists for each cluster can be accessed from the following location:

<http://www.digital.nhs.uk/qofextractspecs>

Clinical code clusters are reflective of the April 2018 SNOMED code release. Code clusters which include drugs may include a reference set ID. These reference set IDs are denoted by a '^' and will be updated automatically every 4 weeks and therefore may not be in agreement with the drug codes showing in the expanded cluster list which were updated during the code release in April 2018.

2.4. Guidance

Guidance for the diabetic eye screening programme can be found at the following link:

<https://www.gov.uk/guidance/diabetic-eye-screening-programme-overview>

3. Dataset specification

3.1 Qualifying dates

The dataset and rules in this document refer to various dates, which may include any number of the dates from the table below. Further information regarding how to use these dates within calculations can be found in the supporting information document (see section 2.2).

| Term | Definition | Timeframe for this service |
|---|--|-----------------------------|
| Diabetic retinopathy screening reporting period start date (DRSRPSD) | This is the start date for the overall historical timeframe, any information recorded prior to this date should not be returned. | 01/01/1900 |
| Diabetic retinopathy screening reporting period end date (DRSRPED) | The date up to which some of pertinent patient information is considered when determining the output for each extraction. | The date before the DRSQESD |
| Diabetic retinopathy screening query execution start date (DRSQESD) | The date the GPES query is executed. | From the schedule |
| Diabetic retinopathy screening query execution start date time (DRSQESDT) | The time the GPES query is executed. | From the schedule |
| Screening service data extract frequency | The frequency of data extracts associated with the screening service. | Monthly |

** For the purposes of the business rules 'Cumulative' data collections are extracts which have varying incremental end dates but where groups of extracts or all extracts have a single start date e.g. each extract across the year starts at 01 April and is taken up to the diabetic retinopathy screening reporting period end date. Due to the fact that patients may change practice during the year this is not a true cumulative data collection as patients may drop out of counts or enter counts at a later stage; however, this is the terminology used in this document to describe these kinds of counts. 'Non-cumulative' refers to data collections which are discrete extracts between two dates. These non-cumulative data collections do not overlap.*

3.2 Patient selection criteria

All [Populations](#) and [Outputs](#) are to be returned at **patient-level** for this service.

3.2.1 GMS registration status

| Qualifying criteria | Action if true | Action if false | Non-technical description |
|---|----------------|-----------------|--|
| If ACTIVE = R AND If REG_DAT <= DRSQESD | Select | Reject | Select patients who have an active status for GMS (currently registered for GMS) of 'R' and their registered date is up to and including the diabetic retinopathy screening query execution start date. Reject the remaining patients. |
| <i>End of rules</i> | | | |

3.2.2 Populations

3.2.2.1 Case registers

N/A - there are no registers for this service.

3.2.2.2 Cohorts

Each patient can only be included once per cohort.

| Cohort Count ID | Description | Applied to patients defined in: |
|----------------------|---|---|
| OBGP2DRSCC001 | Registered patients aged 12 years or over, with an unresolved diabetes diagnosis who have not dissented to sharing their demographic information. | GMS registration status |

| Rule number | Rule | Action if true | Action if false | Rule description or comments |
|-------------|--|----------------|-----------------|---|
| 1 | If DRSDMLAT_DAT ≠ Null AND (If DMRESLAT_DAT = Null OR (If DRSDMLAT_DAT = DMRESLAT_DAT AND If DRSDMLAT_TIM > DMRESLAT_TIM)) AND (If METSYNXLAT_DAT = Null OR (If DRSDMLAT_DAT = METSYNXLAT_DAT AND If DRSDMLAT_TIM > METSYNXLAT_TIM)) | Next rule | Reject | Pass to the next rule all patients from the specified population who meet all of the criteria below: <ul style="list-style-type: none"> • Have a diabetes diagnosis up to and including the achievement date. • Latest diabetes diagnosis is not followed by a diabetes resolved code. • Latest diabetes diagnosis is not followed by a metabolic syndrome X diagnosis. Reject the remaining patients. |
| 2 | If PAT_AGE >= 12 | Next rule | Reject | Pass to the next rule all patients passed to this rule who are aged 12 years or older at the point of extraction. Reject the remaining patients. |
| 3 | If DRSCONWTHLDLAT_DAT = Null | Select | Next rule | Select patients passed to this rule who have not withheld consent for sharing demographic information for screening purposes up to and including the diabetic retinopathy screening query execution start date. Pass all remaining patients to the next rule. |

| | | | | |
|---------------------|---|--------|--------|---|
| 4 | If DRSCONLAT_DAT > DRSCONWTHLDLAT_DAT OR (If DRSCONLAT_DAT = DRSCONWTHLDLAT_DAT AND If DRSCONLAT_TIM > DRSCONWTHLDLAT_TIM) | Select | Reject | Select patients passed to this rule whose latest withheld consent to sharing demographic information for screening purposes code was followed by a later consent to the sharing of their demographic information code. Reject the remaining patients. |
| <i>End of rules</i> | | | | |

3.2.3 Clinical code clusters

The dataset may include dates and values associated with the presence of clinical codes in a patient's record. All clinical code clusters referred to in the clinical data extraction criteria are detailed below. The expanded cluster lists for each cluster can be found on the NHS Digital website (see section 2.3).

| Cluster Name | Description | SNOMED CT | Cluster Version |
|--------------|---|--|-----------------|
| DEATH_COD | Patient deceased codes | (<<502521000000103 OR <<305398007 OR <<405535005 OR <<184278005 OR <<184276009 OR <<230802007 OR <<426999008 OR <<184305005 OR <<18521000000102 OR <<308806009 OR <<310334003 OR <<308647005 OR <<399753006 OR <<419099009 OR <<419620001 OR <<713461000000100 OR <<307928008 OR 307930005 OR <<17441000000106 OR <<17111000000103 OR <<12141009 OR <<50181009 OR <<9857008 OR <<62691006 OR <<13603008 OR <<37522003 OR <<11545006 OR <<75004002 OR <<374631000000101 OR <<3581000000106 OR <<17041000000103 OR <<725951000000101 OR <<401321000 OR <<370921009 OR <<371828006 OR <<3133002 OR <<41819004 OR <<1917008 OR <<79779006 OR <<89334003 OR <<18632008 OR <<270116006 OR <<308808005 OR <<184277000 OR <<308468002 OR <<184084003 OR <<270102001 OR <<308375000 OR <<23331000000109 OR <<23341000000100 OR <<275656009 OR <<95281009 OR <<270115005) MINUS (<<237361005 OR <<105442005 OR <<105447004 OR <<398033008 OR <<161151009 OR 276507005 OR <<445868008 OR <<445862009 OR <<67313008 OR <<237362003 OR <<240297000 OR <<199607009 OR <<237363008 OR <<199608004 OR <<162856004 OR <<184287001 OR <<276503009 OR <<10588007 OR 51178009) | 200 |
| DMRES_COD | Diabetes resolved codes | 315051004 | 200 |
| DRSATT_COD | Diabetic retinopathy screening attendance codes | <<314971001 OR <<134395001 OR <<410440008 OR <<426880003 OR 20067007 OR 282096008 OR <<390856001 | 200 |

| Cluster Name | Description | SNOMED CT | Cluster Version |
|--------------------|---|---|-----------------|
| DRSCON_COD | Consent to share demographic information for retinal screening codes | 305441000000101 OR 305411000000102 | 200 |
| DRSCONWTHLD_COD | Consent to share demographic information for retinal screening withheld codes | 305471000000107 | 200 |
| DRSDM_COD | Diabetic retinopathy screening service diabetes mellitus diagnosis codes | (<<237610008 OR <324311000119105 OR <324301000119107 OR <<11530004 OR <<267471001 OR <<73211009 OR <<267467004 OR <<190329007 OR <<54181000 OR <<170763003 OR <<268519009 OR <<74627003 OR <<421165007 OR <<170745003 OR <<170747006 OR <<1067201000000106 OR <<237632004 OR <<237616002 OR <<237608006 OR <170766006 OR <<80660001 OR <<237617006 OR <<706891008 OR <29740003 OR <95663000 OR <<237612000 OR <430801000124103 OR <238089003) MINUS (<<199225007 OR <<199227004 OR 199223000 OR 10754881000119104 OR 76751001 OR <<199226008 OR <<199228009 OR 2751001 OR <<11687002 OR <<472699005 OR <<237651005 OR <<722454003 OR <<724205009 OR <<111307005 OR <<4783006 OR <<49817004 OR <<46674002 OR <<414892004 OR <<414908005) | 200 |
| DRSELIGIBILITY_COD | Diabetic retinopathy screening service eligibility codes | <<417681008 OR <373031000000105 OR <<839811000000106 OR <<408396006 OR <<413122001 OR <<416075005 | 201 |
| DRSETHNICITY_COD | Diabetic retinopathy screening ethnicity codes | (<92381000000106 OR <976571000000100 OR <976591000000101 OR <976611000000109 OR <372148003 OR <<414481008) MINUS (<<365455004) | 200 |
| METSYNX_COD | Metabolic syndrome X diagnosis codes | 237602007 | 200 |
| PREFLANG_COD | Preferred language codes | <370157003 OR <<520471000000105 OR <<520421000000106 OR <<404903008 OR <415807006 | 200 |

| Cluster Name | Description | SNOMED CT | Cluster Version |
|------------------------|----------------------------|---|-----------------|
| REQINTERPRETER_COD | Requires interpreter codes | <<315593009 OR <<225835008 OR <<520471000000105 OR <<1082671000000100 OR <<957071000000109 OR <<796201000000109 OR <<957111000000103 OR <<957051000000100 OR <<945911000000109 OR <<945891000000106 OR <<719563003 OR <<1082661000000107 OR <<966401000000100 OR <<1082691000000101 OR <<1082681000000103 OR <<225833001 OR <<704497002 OR <<957031000000107 OR <<981781000000107 OR <<445143008 OR <<445076009 OR <<404903008 | 200 |
| <i>End of clusters</i> | | | |

3.2.4 Clinical data extraction criteria

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|---------------|------------------------------|--|-----------------|--|
| 1 | REFERENCE | n/a | Unconditional | | <i>Unique Identifier, this is an encrypted version of the PRACT_NUMBER which enables patients to be highlighted to GP practice securely.</i> |
| 2 | PAT_NHSNUMBER | n/a | Unconditional | | <i>Patient's NHS number.</i> |
| 3 | PAT_DOB | n/a | Unconditional | | <i>Patient's date of birth.</i> |
| 4 | PAT_AGE | n/a | Unconditional as at DRSQESD AND DRSQESDT | | <i>The age of the patient in full years on the query execution start date and time.</i> |
| 5 | PAT_SEX | n/a | Unconditional | | <i>Patient's gender.</i> |
| 6 | PAT_TITLE | n/a | Unconditional | | <i>Patient's title.</i> |
| 7 | PAT_FORENAME | n/a | Unconditional | | <i>Patient's forename.</i> |
| 8 | PAT_SURNAME | n/a | Unconditional | | <i>Patient's surname.</i> |
| 9 | PAT_ADDRESS | n/a | Unconditional | | <i>Patient's address.</i> |
| 10 | PAT_ADDRESS1 | n/a | Unconditional | | <i>Patient's address line 1.</i> |
| 11 | PAT_ADDRESS2 | n/a | Unconditional | | <i>Patient's address line 2.</i> |
| 12 | PAT_ADDRESS3 | n/a | Unconditional | | <i>Patient's address line 3.</i> |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|-------------------|------------------------------|---|-----------------|---|
| 13 | PAT_ADDRESS4 | n/a | Unconditional | | <i>Patient's address line 4.</i> |
| 14 | PAT_ADDRESS5 | n/a | Unconditional | | <i>Patient's address line 5.</i> |
| 15 | PAT_POSTCODE | n/a | Unconditional | | <i>Patient's post code.</i> |
| 16 | PAT_ETHNICITY | n/a | Unconditional | | <i>Patient's ethnicity.</i> |
| 17 | PAT_FIRSTLANGUAGE | n/a | Unconditional | | <i>Patient's preferred first language.</i> |
| 18 | PRACTICE_CODE | n/a | Unconditional | | <i>GP practice code.</i> |
| 19 | PRACT_NUMBER | n/a | Unconditional | | <i>Number assigned to the patient by the practice for use within the practice used to identify the person receiving health care. This is unique to the practice and the clinical system.</i> |
| 20 | GP_CODE | n/a | Unconditional | | <i>GMP code.</i> |
| 21 | REG_DAT | n/a | Latest >= DRSRPSD AND <= DRSRPED | | <i>The latest date that the patient registered for GMS, where this registration occurred on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 22 | DEREG_DAT | n/a | Earliest >= REG_DAT | | <i>The first occurrence of the patient deregistering from GMS following the latest GMS registration.</i> |
| 23 | PAT_DOD | n/a | Unconditional | | <i>Patient's date of death.</i> |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|---------------|------------------------------|---|-------------------------|---|
| 24 | ACTIVE | n/a | Unconditional at DRSQESD | | <i>Registration status of the patient on diabetic retinopathy screening query execution start date.</i> |
| 25 | PCG | n/a | Unconditional | | <i>The patient's primary care group (PCG).</i> |
| 26 | {DRSCON_DAT} | DRSCON_COD | ALL >= DRSRPSD AND <= DRSQESD | Dates Codes Times | <i>All dates, codes and times associated with the consent to sharing demographic information for screening purposes codes on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening query execution start date.</i> |
| 27 | DRSCONLAT_DAT | DRSCON_COD | Latest >= DRSRPSD AND <= DRSQESD | | <i>The date of the latest consent to sharing demographic information for screening purposes code on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening query execution start date.</i> |
| 28 | DRSCONLAT_COD | DRSCON_COD | Recorded on DRSCONLAT_DAT | | <i>The latest consent to sharing demographic information for screening purposes code associated with the date returned in the DRSCONLAT_DAT field.</i> |
| 29 | DRSCONLAT_TIM | DRSCON_COD | Recorded on DRSCONLAT_DAT | | <i>The time of the latest consent to sharing demographic information for screening purposes code associated with the date returned in the DRSCONLAT_DAT field.</i> |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|--------------------|---------------------------------|--|-------------------------|--|
| 30 | {DRSCONWTHLD_DAT} | DRSCONWTHLD_COD | ALL >= DRSRPSD AND <= DRSQESD | Dates Codes Times | <i>All dates, codes and times associated with the consent to share demographic information for screening purposes withheld codes on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening query execution start date.</i> |
| 31 | DRSCONWTHLDLAT_DAT | DRSCONWTHLD_COD | Latest >= DRSRPSD AND <= DRSQESD | | <i>The date of the latest consent to share demographic information for screening purposes withheld code on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening query execution start date.</i> |
| 32 | DRSCONWTHLDLAT_COD | DRSCONWTHLD_COD | Recorded on DRSCONWTHLDL AT_DAT | | <i>The latest consent to share demographic information for screening purposes withheld code associated with the date returned in the DRSCONWTHLDLAT_DAT field.</i> |
| 33 | DRSCONWTHLDLAT_TIM | DRSCONWTHLD_COD | Recorded on DRSCONWTHLDL AT_DAT | | <i>The time of the latest consent to share demographic information for screening purposes withheld code associated with the date returned in the DRSCONWTHLDLAT_DAT field.</i> |
| 34 | {DEATH_DAT} | DEATH_COD | ALL >= DRSRPSD AND <= DRSQESD | Dates Codes Times | <i>All dates, codes and times associated with the death of the patient on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening query execution start date.</i> |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|--------------|------------------------------|---|-------------------------|---|
| 35 | {DRSDM_DAT} | DRSDM_COD | ALL >= DRSRPSD AND <= DRSRPED | Dates Codes Times | All dates, codes and times associated with the patient's diabetes diagnosis on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date. |
| 36 | DRSDMLAT_DAT | DRSDM_COD | Latest >= DRSRPSD AND <= DRSRPED | | The date of the latest diabetes diagnosis on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date. |
| 37 | DRSDMLAT_COD | DRSDM_COD | Recorded on DRSDMLAT_DAT | | The latest diabetes diagnosis code associated with the date returned in the DRSDMLAT_DAT field. |
| 38 | DRSDMLAT_TIM | DRSDM_COD | Recorded on DRSDMLAT_DAT | | The time of the latest diabetes diagnosis code associated with the date returned in the DRSDMLAT_DAT field. |
| 39 | {DMRES_DAT} | DMRES_COD | ALL >= DRSRPSD AND <= DRSRPED | Dates Codes Times | All dates, codes and times associated with the patient's diabetes diagnosis resolved codes on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date. |
| 40 | DMRESLAT_DAT | DMRES_COD | Latest >= DRSDMLAT_DAT AND <= DRSRPED | | Date of the latest diabetes diagnosis resolved code recorded on or after the latest diabetes diagnosis up to and including the diabetic retinopathy screening reporting period end date. |
| 41 | DMRESLAT_COD | DMRES_COD | Latest >= DRSDMLAT_DAT AND <= DRSRPED | | The latest diabetes diagnosis resolved code associated with the returned in the DMRESLAT_DAT field. |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|--------------|----------------------|------------------------------------|---|-------------------------|---|
| 42 | DMRESLAT_TIM | DMRES_COD | Latest > DRSDMLAT_TIM AND <= DRSRPED | | <i>The time of the latest diabetes diagnosis resolved code associated with the date returned in the DMRESLAT_DAT field.</i> |
| 43 | {METSYNX_DAT} | METSYNX_COD | ALL >= DRSRPSD AND <= DRSRPED | Dates Codes Times | <i>All dates, codes and times associated with the patient's metabolic syndrome X diagnosis on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 44 | METSYNXLAT_DAT | METSYNX_COD | Latest >= DRSDMLAT_DAT AND <= DRSRPED | | <i>The date of the latest metabolic syndrome X diagnosis recorded on or after the latest diabetes diagnosis up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 45 | METSYNXLAT_COD | METSYNX_COD | Latest >= DRSDMLAT_DAT AND <= DRSRPED | | <i>The latest metabolic syndrome X diagnosis associated with the date returned in the METSYNXLAT_DAT field.</i> |
| 46 | METSYNXLAT_TIM | METSYNX_COD | Latest > DRSDMLAT_DAT AND <= DRSRPED | | <i>The time of the latest metabolic syndrome X diagnosis associated with the date returned in the METSYNXLAT_DAT field.</i> |
| 47 | {DRSELIGIBILITY_DAT} | DRSELIGIBILITY_COD | ALL >= DRSRPSD AND <= DRSRPED | Dates Codes Times | <i>All dates, codes and times associated with the patient's diabetic retinopathy screening eligibility on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 48 | DRSETHNICITYLAT_DAT | DRSETHNICITY_COD | Latest >= DRSRPSD AND <= DRSRPED | Date Code Time | <i>Date, code and time of the latest ethnicity code recorded on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |

| Field number | Field name | Code cluster (if applicable) | Qualifying criteria | Returned fields | Non-technical description |
|----------------------|-----------------------|------------------------------------|---|-------------------------|--|
| 49 | REQINTERPRETERLAT_DAT | REQINTERPRETER_COD | Latest >= DRSRPSD AND <= DRSRPED | Date Code Time | <i>Date, code and time of the latest interpreter required code recorded on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 50 | PREFLANGLAT_DAT | PREFLANG_COD | Latest >= DRSRPSD AND <= DRSRPED | Date Code Time | <i>Date, code and time of the latest preferred language code recorded on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| 51 | {DRSATT_DAT} | DRSATT_COD | ALL >= DRSRPSD AND <= DRSRPED | Dates Codes Times | <i>All dates, codes and times associated with the patient's diabetic retinopathy screening attendance on or after the diabetic retinopathy screening reporting period start date up to and including the diabetic retinopathy screening reporting period end date.</i> |
| <i>End of fields</i> | | | | | |

4. Outputs

4.1. Indicator(s)

N/A - there are no indicators for this service.

4.2. Payment count(s)

N/A - there are no payment counts for this service.

4.3. Management information count(s)

N/A - there are no management information counts for this service.

4.4. Patient-level extracts

| Extract ID | Description | Applied to population: |
|-------------------------------|---|-----------------------------|
| 7B0BGP2DRS001 | Patient identified for diabetic retinopathy screening | GP2DRSCC001 |

For every data item listed in the Journals table below, bring back all the following fields listed below where present in the [Returned fields](#) column in the [Clinical data extraction criteria](#) section:

- Date (or dates in the case of arrays)
- Code (or codes in the case of arrays)
- Time (or times in the case of arrays)

| <i>Item Number</i> | <i>Table name</i> | <i>Data item</i> | <i>Description</i> | <i>QID Number</i> |
|--------------------|-------------------|-------------------------------|--|-------------------|
| 1 | Patient Table | REFERENCE | See non-technical description column in clinical data extraction criteria table. | 1 |
| 2 | Patient Table | PAT_NHSNUMBER | See non-technical description column in clinical data extraction criteria table. | |
| 3 | Patient Table | PAT_DOB | See non-technical description column in clinical data extraction criteria table. | |
| 4 | Patient Table | PAT_SEX | See non-technical description column in clinical data extraction criteria table. | |
| 5 | Patient Table | PAT_TITLE | See non-technical description column in clinical data extraction criteria table. | |
| 6 | Patient Table | PAT_FORENAME | See non-technical description column in clinical data extraction criteria table. | |
| 7 | Patient Table | PAT_SURNAME | See non-technical description column in clinical data extraction criteria table. | |
| 8 | Patient Table | PAT_ADDRESS | See non-technical description column in clinical data extraction criteria table. | |

| <i>Item Number</i> | <i>Table name</i> | <i>Data item</i> | <i>Description</i> | <i>QID Number</i> |
|--------------------|-------------------|-----------------------------------|--|-------------------|
| 9 | Patient Table | PAT_ADDRESS1 | See non-technical description column in clinical data extraction criteria table. | |
| 10 | Patient Table | PAT_ADDRESS2 | See non-technical description column in clinical data extraction criteria table. | |
| 11 | Patient Table | PAT_ADDRESS3 | See non-technical description column in clinical data extraction criteria table. | |
| 12 | Patient Table | PAT_ADDRESS4 | See non-technical description column in clinical data extraction criteria table. | |
| 13 | Patient Table | PAT_ADDRESS5 | See non-technical description column in clinical data extraction criteria table. | |
| 14 | Patient Table | PAT_POSTCODE | See non-technical description column in clinical data extraction criteria table. | |
| 15 | Patient Table | PAT_ETHNICITY | See non-technical description column in clinical data extraction criteria table. | |
| 16 | Patient Table | PAT_FIRSTLANGUAGE | See non-technical description column in clinical data extraction criteria table. | |
| 17 | Patient Table | PRACTICE_CODE | See non-technical description column in clinical data extraction criteria table. | |
| 18 | Patient Table | PRACT_NUMBER | See non-technical description column in clinical data extraction criteria table. | |
| 19 | Patient Table | GP_CODE | See non-technical description column in clinical data extraction criteria table. | |
| 20 | Patient Table | REG_DAT | See non-technical description column in clinical data extraction criteria table. | |
| 21 | Patient Table | DEREG_DAT | See non-technical description column in clinical data extraction criteria table. | |
| 22 | Patient Table | PAT_DOD | See non-technical description column in clinical data extraction criteria table. | |

| <i>Item Number</i> | <i>Table name</i> | <i>Data item</i> | <i>Description</i> | <i>QID Number</i> | |
|---------------------|-------------------|---------------------------------------|--|-------------------|--|
| 23 | Patient Table | ACTIVE | See non-technical description column in clinical data extraction criteria table. | | |
| 24 | Patient Table | PCG | See non-technical description column in clinical data extraction criteria table. | | |
| 25 | Journals Table | {DRSCON_DAT} | See non-technical description column in clinical data extraction criteria table. | 2 | |
| 26 | Journals Table | {DRSCONWTHLD_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 27 | Journals Table | {DEATH_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 28 | Journals Table | {DRSDM_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 29 | Journals Table | {METSYNX_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 30 | Journals Table | {DMRES_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 31 | Journals Table | {DRSELIGIBILITY_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| 32 | Journals Table | DRSETHNICITYLAT_DAT | See non-technical description column in clinical data extraction criteria table. | | |
| 33 | Journals Table | REQINTERPRETERLAT_DAT | See non-technical description column in clinical data extraction criteria table. | | |
| 34 | Journals Table | PREFLANGLAT_DAT | See non-technical description column in clinical data extraction criteria table. | | |
| 35 | Journals Table | {DRSATT_DAT} | See non-technical description column in clinical data extraction criteria table. | | |
| <i>End of items</i> | | | | | |

5. Appendix - supporting data for NHS Digital SDS

| Category | Database value |
|-----------------------------|----------------|
| TRUD version | V25_0_0 |
| Document version | 1.2 |
| Ruleset Database ID | GP2DRS |
| Database Service ID | PLE |
| QSR Reference if applicable | N/A |