

Programme:	GLP-1 Risk Stratification I EMIS Web Technical Guidance I v16-10-2023
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Purpose of this document:	This document outlines the structure of EMIS Web searches created by the Data Quality Service to support practices to risk stratify patients with a GLP-1 or those who have had a GLP-1 in the past 6 months, due to the national shortage.

Document Status

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GLP-1 Risk Stratification Searches

The DQ Service has created a suite of searches to support practices to risk stratify patients on GLP-1 medication or who have had a GLP-1 in the last 6 months. The searches are broken down into the following cohorts:










- Patients with Type 1 Diabetes on GLP-1 medication with:
 - Last HbA1c more than 12 months ago
 - No HbA1c value
 - Last HbA1c value is ≥ 86
 - Last HbA1c value is ≥ 58 to < 86
 - Last HbA1c value is < 58
- Patients with Type 2 Diabetes on GLP-1 medication with:
 - Last HbA1c more than 12 months ago
 - No HbA1c value
 - Last HbA1c value is ≥ 86
 - Last HbA1c value is ≥ 58 to < 86
 - Last HbA1c value is < 58
- Patients who are not Diabetic on GLP-1 medication with:
 - Last HbA1c more than 12 months ago
 - No HbA1c value
 - Last HbA1c value is ≥ 86
 - Last HbA1c value is ≥ 58 to < 86
 - Last HbA1c value is < 58

All the above are then further broken down in to:

- Those on Insulin
- Those not on Insulin

02 | Search Criteria

The searches are named the following:

- ▾  GLP-1 Risk Stratification | v03-10-2023
 -  01 | GLP-1 Medication
 -  02 | Type 1 Diabetes | with GLP-1
 -  03 | Type 2 Diabetes | with GLP-1
 -  04 | Not Diabetic | with GLP-1
 -  05 | Opt Outs | with GLP-1
 - ▾  06 | PATIENTS TO INVITE
 -  a | On Insulin
 -  b | Not on Insulin

Where a cluster Refset ID is included below, this includes the SNOMED codes from the NHS Digital Power BI tool [NHS D Power BI Web Link](#). When accessing the link, click on **PCD refsets**, then search for the relevant Cluster ID or Refset ID:

PCD refsets

Cluster ID

All
^

Search

Refset ID

All
^

Search

Where there are SNOMED codes prefixed with << this indicates that child codes are also included.

01 GLP-1 Medication Folder:				
01 GLP-1 Medication				
Indicator	Name	Description	SNOMED CT / Refset	Description / Cluster ID
GLP01	Total Practice Population	This search looks for all currently registered patients.		
GLP02	Population with GLP-1 Medication Current or Ended in last 6m	Based on the results of search GLP01, this search looks for patients with a current medication issue of GLP-1 or where the GLP-1 ended in the last 6 months	Drug Groups:	<ul style="list-style-type: none"> ▶ Exenatide ▶ Liraglutide ▶ Lixisenatide ▶ Dulaglutide ▶ Semaglutide
GLP03	Diabetes Register QOF v48 with GLP-1	Based on the results of GLP02, this search looks for patients who are on the QOF Diabetes register	Refset ID: 999004691000230108	DM_COD
GLP04	PRACTICE TO CLEANSE Diabetes Register No Type	Based on the results of GLP03, this search looks for patients who don't have a specified Type 1 or Type 2 diagnosis	Refset ID: 999015611000230103	DMTYPE1_COD (exclude)
			Refset ID: 999010771000230109	DMTYPE2_COD (exclude)

ACTION:

Practices should look through the list of patients identified in search GLP04. A patient report to support this process has been created which includes the date of Diabetes diagnosis:











GLP04 | PRACTICE TO CLEANSE | Diabetes Register | No Type

PRACTICE TO SPECIFY DIABETES TYPE 1 OR 2

A relevant Type 1 or Type 2 code should be entered using the same date as the Diabetes diagnosis date. Appendix 1 provides a list of suitable codes.


02 | Type 1 Diabetes | with GLP-1 Folder:










02 | Type 1 Diabetes | with GLP-1

Indicator	Name	Description	SNOMED CT	Description
T1GLP01	Type 1 Diabetes with GLP-1	Based on the results of GLP03, this search looks for patients with a latest Diabetes diagnosis of Type 1	Refset ID: 999015611000230103	DMTYPE1_COD
T1GLP02	Type 1 with GLP-1 Meds HbA1c >12m ago	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded more than 12 months ago	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP02a	Type 1 On Insulin HbA1c >12m ago	Based on the results of T1GLP02, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP02b	Type 1 Not on Insulin HbA1c >12m ago	Based on the results of T1GLP02, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP03	Type 1 with GLP-1 Meds No HbA1c Value	Based on the results of T1GLP01, this search looks for patients with no HbA1c value recorded	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP03a	Type 1 On Insulin No HbA1c Value	Based on the results of T1GLP03, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP03b	Type 1 Not on Insulin No HbA1c Value	Based on the results of T1GLP03, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP04	Type 1 with GLP-1 Meds Latest HbA1c Value >=86	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of >=86	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP04a	Type 1 On Insulin Latest HbA1c Value >=86	Based on the results of T1GLP04, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP04b	Type 1 Not on Insulin Latest HbA1c Value >=86	Based on the results of T1GLP04, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP05	Type 1 with GLP-1 Meds Latest HbA1c Value >=58 - <86	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of >=58 to <86	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP05a	Type 1 On Insulin Latest HbA1c Value >=58 - <86	Based on the results of T1GLP05, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP05b	Type 1 Not on Insulin Latest HbA1c Value >=58 - <86	Based on the results of T1GLP05, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP06	Type 1 with GLP-1 Meds Latest HbA1c Value <58	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of <58	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP06a	Type 1 On Insulin Latest HbA1c Value <58	Based on the results of T1GLP06, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP06b	Type 1 Not on Insulin Latest HbA1c Value <58	Based on the results of T1GLP06, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)

02 | Type 1 Diabetes | with GLP-1 Folder:






02 | Type 1 Diabetes | with GLP-1






Indicator	Name	Description	SNOMED CT	Description
T1GLP01	Type 1 Diabetes with GLP-1	Based on the results of GLP03, this search looks for patients with a latest Diabetes diagnosis of Type 1	Refset ID: 999015611000230103	DMTYPE1_COD
T1GLP02	Type 1 with GLP-1 Meds HbA1c >12m ago	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded more than 12 months ago	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP02a	Type 1 On Insulin HbA1c >12m ago	Based on the results of T1GLP02, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins

T1GLP02b	Type 1 Not on Insulin HbA1c >12m ago	Based on the results of T1GLP02, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP03	Type 1 with GLP-1 Meds No HbA1c Value	Based on the results of T1GLP01, this search looks for patients with no HbA1c value recorded	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP03a	Type 1 On Insulin No HbA1c Value	Based on the results of T1GLP03, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP03b	Type 1 Not on Insulin No HbA1c Value	Based on the results of T1GLP03, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP04	Type 1 with GLP-1 Meds Latest HbA1c Value >=86	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of >=86	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP04a	Type 1 On Insulin Latest HbA1c Value >=86	Based on the results of T1GLP04, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP04b	Type 1 Not on Insulin Latest HbA1c Value >=86	Based on the results of T1GLP04, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP05	Type 1 with GLP-1 Meds Latest HbA1c Value >=58 - <86	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of >=58 to <86	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP05a	Type 1 On Insulin Latest HbA1c Value >=58 - <86	Based on the results of T1GLP05, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP05b	Type 1 Not on Insulin Latest HbA1c Value >=58 - <86	Based on the results of T1GLP05, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T1GLP06	Type 1 with GLP-1 Meds Latest HbA1c Value <58	Based on the results of T1GLP01, this search looks for patients with a latest HbA1c value recorded of <58	Refset ID: 999003251000230103	IFCCHBAM_COD
T1GLP06a	Type 1 On Insulin Latest HbA1c Value <58	Based on the results of T1GLP06, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T1GLP06b	Type 1 Not on Insulin Latest HbA1c Value <58	Based on the results of T1GLP06, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)

03 | Type 2 Diabetes | with GLP-1 Folder:









03 | Type 2 Diabetes | with GLP-1



Indicator	Name	Description	SNOMED CT	Description
T2GLP01	Type 2 Diabetes with GLP-1	Based on the results of GLP03, this search looks for patients with a latest Diabetes diagnosis of Type 2	Refset ID: 999010771000230109	DMTYPE2_COD
T2GLP02	Type 2 with GLP-1 Meds HbA1c >12m ago	Based on the results of T2GLP01, this search looks for patients with a latest HbA1c value recorded more than 12 months ago	Refset ID: 999003251000230103	IFCCHBAM_COD
T2GLP02a	Type 2 On Insulin HbA1c >12m ago	Based on the results of T2GLP02, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T2GLP02b	Type 2 Not on Insulin HbA1c >12m ago	Based on the results of T2GLP02, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T2GLP03	Type 2 with GLP-1 Meds No HbA1c Value	Based on the results of T2GLP01, this search looks for patients with no HbA1c value recorded	Refset ID: 999003251000230103	IFCCHBAM_COD
T2GLP03a	Type 2 On Insulin No HbA1c Value	Based on the results of T2GLP03, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
T2GLP03b	Type 2 Not on Insulin No HbA1c Value	Based on the results of T2GLP03, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)
T2GLP04	Type 2 with GLP-1 Meds Latest HbA1c Value >=86	Based on the results of T2GLP01, this search looks for patients with a latest HbA1c value recorded of >=86	Refset ID: 999003251000230103	IFCCHBAM_COD
T2GLP04a	Type 2 On Insulin Latest HbA1c Value >=86	Based on the results of T2GLP04, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins

T2GLP04b	Type 2 I Not on Insulin I Latest HbA1c Value >=86	Based on the results of T2GLP04, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)
T2GLP05	Type 2 with GLP-1 Meds I Latest HbA1c Value >=58 - <86	Based on the results of T2GLP01, this search looks for patients with a latest HbA1c value recorded of >=58 to <86	Refset ID: 999003251000230103	IFCCHBAM_COD
T2GLP05a	Type 2 I On Insulin I Latest HbA1c Value >=58 - <86	Based on the results of T2GLP05, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
T2GLP05b	Type 2 I Not on Insulin I Latest HbA1c Value >=58 - <86	Based on the results of T2GLP05, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)
T2GLP06	Type 2 with GLP-1 Meds I Latest HbA1c Value <58	Based on the results of T2GLP01, this search looks for patients with a latest HbA1c value recorded of <58	Refset ID: 999003251000230103	IFCCHBAM_COD
T2GLP06a	Type 2 I On Insulin I Latest HbA1c Value <58	Based on the results of T2GLP06, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
T2GLP06b	Type 2 I Not on Insulin I Latest HbA1c Value <58	Based on the results of T2GLP06, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)

04 I Not Diabetic I with GLP-1 Folder:

04 I Not Diabetic I with GLP-1

Indicator	Name	Description	SNOMED CT	Description
NONDMGLP01	Not Diabetic I with GLP-1	Based on the results of GLP02, this search looks for patients with no diagnosis of Diabetes	Refset ID: 999004691000230108	DM_COD (exclude)
NONDMGLP02	Not Diabetic with GLP-1 Meds I HbA1c >12m ago	Based on the results of NONDMGLP01, this search looks for patients with a latest HbA1c value recorded more than 12 months ago	Refset ID: 999003251000230103	IFCCHBAM_COD
NONDMGLP02a	Not Diabetic I On Insulin I HbA1c >12m ago	Based on the results of NONDMGLP02, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
NONDMGLP02b	Not Diabetic I Not on Insulin I HbA1c >12m ago	Based on the results of NONDMGLP02, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)
NONDMGLP03	Not Diabetic with GLP-1 Meds I No HbA1c Value	Based on the results of NONDMGLP01, this search looks for patients with no HbA1c value recorded	Refset ID: 999003251000230103	IFCCHBAM_COD
NONDMGLP03a	Not Diabetic I On Insulin I No HbA1c Value	Based on the results of NONDMGLP03, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
NONDMGLP03b	Not Diabetic I Not on Insulin I No HbA1c Value	Based on the results of NONDMGLP03, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)
NONDMGLP04	Not Diabetic with GLP-1 Meds I Latest HbA1c Value >=86	Based on the results of NONDMGLP01, this search looks for patients with a latest HbA1c value recorded of >=86	Refset ID: 999003251000230103	IFCCHBAM_COD
NONDMGLP04a	Not Diabetic I On Insulin I Latest HbA1c Value >=86	Based on the results of NONDMGLP04, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
NONDMGLP04b	Not Diabetic I Not on Insulin I Latest HbA1c Value >=86	Based on the results of NONDMGLP04, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)
NONDMGLP05	Not Diabetic with GLP-1 Meds I Latest HbA1c Value >=58 - <86	Based on the results of NONDMGLP01, this search looks for patients with a latest HbA1c value recorded of >=58 to <86	Refset ID: 999003251000230103	IFCCHBAM_COD
NONDMGLP05a	Not Diabetic I On Insulin I Latest HbA1c Value >=58 - <86	Based on the results of NONDMGLP05, this search looks for patients with a current medication issue of Insulin	Drug Group:	▸  Insulins
NONDMGLP05b	Not Diabetic I Not on Insulin I Latest HbA1c Value >=58 - <86	Based on the results of NONDMGLP05, this search looks for patients without a current medication issue of Insulin	Drug Group:	▸  Insulins (exclude)

NONDMGLP06	Not Diabetic with GLP-1 Meds Latest HbA1c Value <58	Based on the results of NONDMGLP01, this search looks for patients with a latest HbA1c value recorded of <58	Refset ID: 999003251000230103	IFCCHBAM_COD
NONDMGLP06a	Not Diabetic On Insulin Latest HbA1c Value <58	Based on the results of NONDMGLP06, this search looks for patients with a current medication issue of Insulin	Drug Group:	▶  Insulins
NONDMGLP06b	Not Diabetic Not on Insulin Latest HbA1c Value <58	Based on the results of NONDMGLP06, this search looks for patients without a current medication issue of Insulin	Drug Group:	▶  Insulins (exclude)

05 | Opt Outs | with GLP-1 Folder:




05 | Opt Outs | with GLP-1

Indicator	Name	Description	SNOMED CT	Description
OOGLP01	Opted Out of Type 1 Data with GLP-1 Meds	Based on the results of GLP02, this search looks for patients who have opted out of sharing their Type 1 data	827241000000103	Dissent from secondary use of general practitioner patient identifiable data
			WITHOUT A LATER:	
			827261000000102	Dissent withdrawn for secondary use of general practitioner patient identifiable data
			1882091000006104 (EMIS code)	Consent given for secondary use of general practitioner patient identifiable data
OOGLP02	Opted Out of Local Shared Electronic Record with GLP-1 Meds	Based on the results of GLP02, this search looks for patients who have opted out of sharing their data to the local shared electronic record	416409005	Refused consent for upload to local shared electronic record
			WITHOUT A LATER:	
			417528008	Consent given for upload to local shared electronic record
OOGLP03	Opted Out of Summary Care Record with GLP-1 Meds	Based on the results of GLP02, this search looks for patients who have opted out of sharing their data to the Summary Care Record	889091000000102	Dissent to share Summary Care Record
			777441000000102	Express dissent for Summary Care Record dataset upload
			WITHOUT A LATER:	
			889081000000104	Consent given to share Summary Care Record
			773031000000109	Express consent for core Summary Care Record dataset upload
			773011000000101	Implied consent for core Summary Care Record dataset upload
OOGLP04	Opted Out of National Data with GLP-1 Meds	Based on the results of GLP02, this search looks for patients who have opted out of sharing their data to the national shared electronic record	416308001	Refused consent for upload to national shared care electronic record
			WITHOUT A LATER:	
			417370002	Consent given for upload to national shared care electronic record

The following 2 sections provide a list of patients to review in priority order based on the GM pathway:






GM GLP1 Pathway
FINAL 16-Oct-23.pdf

06 | PATIENTS TO INVITE | a | On Insulin Folder:
 **06 | PATIENTS TO INVITE**
 **a | On Insulin**
 **b | Not on Insulin**

Indicator	Name	Description
INSULIN I 01	GLP-1 Type 1 DM with HbA1c more than 12m ago	Based on the results of T1GLP02a
INSULIN I 02	GLP-1 Type 2 DM with HbA1c more than 12m ago	Based on the results of T2GLP02a
INSULIN I 03	GLP-1 Type 1 DM with No HbA1c Value	Based on the results of T1GLP03a
INSULIN I 04	GLP-1 Type 2 DM with No HbA1c Value	Based on the results of T2GLP03a
INSULIN I 05	GLP-1 Type 1 DM with HbA1c above 86	Based on the results of T1GLP04a
INSULIN I 06	GLP-1 Type 2 DM with HbA1c above 86	Based on the results of T2GLP04a
INSULIN I 07	GLP-1 Type 1 DM with HbA1c 58-85	Based on the results of T1GLP05a
INSULIN I 08	GLP-1 Type 2 DM with HbA1c 58-85	Based on the results of T2GLP05a
INSULIN I 09	GLP-1 Type 1 DM with HbA1c below 58	Based on the results of T1GLP06a
INSULIN I 10	GLP-1 Type 2 DM with HbA1c below 58	Based on the results of T2GLP06a
INSULIN I 11	GLP-1 Not Diabetic with HbA1c above 86	Based on the results of NONDMGLP04a
INSULIN I 12	GLP-1 Not Diabetic with HbA1c 58-85	Based on the results of NONDMGLP05a
INSULIN I 13	GLP-1 Not Diabetic with HbA1c below 58	Based on the results of NONDMGLP06a
INSULIN I 14	GLP-1 Not Diabetic with No HbA1c Value	Based on the results of NONDMGLP03a
INSULIN I 15	GLP-1 Not Diabetic with HbA1c more than 12m ago	Based on the results of NONDMGLP02a

All the reports above, provide a column to identify the following for each patient within this cohort:

- EMIS Number
- Full Name
- Date of Birth
- Gender
- Full Address
- Home Telephone
- Mobile Telephone
- Medication Issues of GLP-1 (Date of Issue and Name, Dosage and Quantity)
- Diabetes Diagnosis (Date and Code Term)
- Type 1 Diabetes (Date and Code Term)
- Type 2 Diabetes (Date and Code Term)
- HbA1c Value (Date and Value)
- Insulin (Date of Issue and Name, Dosage and Quantity)

06 | PATIENTS TO INVITE | b | Not on Insulin Folder:
 **06 | PATIENTS TO INVITE**
 **a | On Insulin**
 **b | Not on Insulin**

Indicator	Name	Description
NO INSULIN I 01	GLP-1 Type 1 DM with HbA1c more than 12m ago	Based on the results of T1GLP02b
NO INSULIN I 02	GLP-1 Type 2 DM with HbA1c more than 12m ago	Based on the results of T2GLP02b
NO INSULIN I 03	GLP-1 Type 1 DM with No HbA1c Value	Based on the results of T1GLP03b
NO INSULIN I 04	GLP-1 Type 2 DM with No HbA1c Value	Based on the results of T2GLP03b

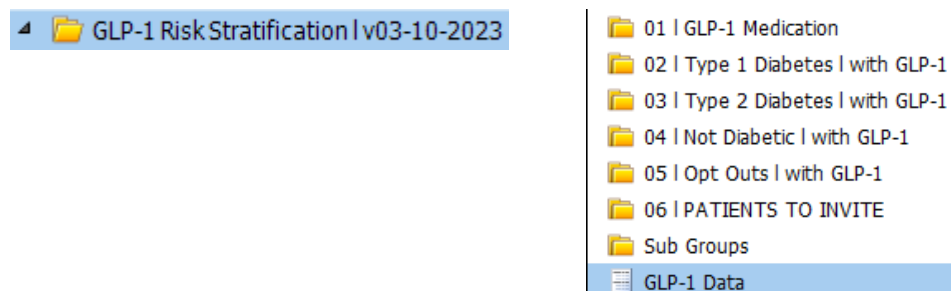
NO INSULIN 05	GLP-1 Type 1 DM with HbA1c above 86	Based on the results of T1GLP04b
NO INSULIN 06	GLP-1 Type 2 DM with HbA1c above 86	Based on the results of T2GLP04b
NO INSULIN 07	GLP-1 Type 1 DM with HbA1c 58-85	Based on the results of T1GLP05b
NO INSULIN 08	GLP-1 Type 2 DM with HbA1c 58-85	Based on the results of T2GLP05b
NO INSULIN 09	GLP-1 Type 1 DM with HbA1c below 58	Based on the results of T1GLP06b
NO INSULIN 10	GLP-1 Type 2 DM with HbA1c below 58	Based on the results of T2GLP06b
NO INSULIN 11	GLP-1 Not Diabetic with HbA1c above 86	Based on the results of NONDMGLP04b
NO INSULIN 12	GLP-1 Not Diabetic with HbA1c 58-85	Based on the results of NONDMGLP05b
NO INSULIN 13	GLP-1 Not Diabetic with HbA1c below 58	Based on the results of NONDMGLP06b
NO INSULIN 14	GLP-1 Not Diabetic with No HbA1c Value	Based on the results of NONDMGLP03b
NO INSULIN 15	GLP-1 Not Diabetic with HbA1c more than 12m ago	Based on the results of NONDMGLP02b

All the reports above, provide a column to identify the following for each patient within this cohort:

- EMIS Number
- Full Name
- Date of Birth
- Gender
- Full Address
- Home Telephone
- Mobile Telephone
- Medication Issues of GLP-1 (Date of Issue and Name, Dosage and Quantity)
- Diabetes Diagnosis (Date and Code Term)
- Type 1 Diabetes (Date and Code Term)
- Type 2 Diabetes (Date and Code Term)
- HbA1c Value (Date and Value)
- Insulin (Date of Issue and Name, Dosage and Quantity)

Practice Data

If practices are required to submit data, an Audit Report can be found in the following location:



Once run, practices can **View Results**, **Export to CSV** and **Save** in a location of choice to enable this to be emailed to the requestor.

Queries

Should you have any queries, suggestions for improvement, or feel that patients are missing or are appearing in error, please email gmss.dataqualitygm@nhs.net so we can review the relevant indicator/s.

Appendix 1 | Diabetes Type 1 and Type 2 Codes

Cluster ID	SNOMED code	SNOMED code description
DMTYPE1_COD	1142044000	Pre-existing malnutrition-related diabetes mellitus in pregnancy (disorder)
DMTYPE1_COD	1172389004	Disorder due to malnutrition related diabetes mellitus (disorder)
DMTYPE1_COD	1186863001	Central diabetes insipidus due to and following traumatic event (disorder)
DMTYPE1_COD	1196923000	Neovascular glaucoma due to diabetes mellitus type 1 (disorder)
DMTYPE1_COD	1217077001	Drug-induced insulin coma in nondiabetic (disorder)
DMTYPE1_COD	190330002	Hyperosmolar coma due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	190368000	Type I diabetes mellitus with ulcer (disorder)
DMTYPE1_COD	190369008	Type I diabetes mellitus with gangrene (disorder)
DMTYPE1_COD	190372001	Type I diabetes mellitus maturity onset (disorder)
DMTYPE1_COD	290002008	Brittle type I diabetes mellitus (finding)
DMTYPE1_COD	313435000	Type I diabetes mellitus without complication (disorder)
DMTYPE1_COD	314771006	Type I diabetes mellitus with hypoglycemic coma (disorder)
DMTYPE1_COD	314893005	Arthropathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	368541000119101	Cheiroarthropathy due to diabetes mellitus type 1 (disorder)
DMTYPE1_COD	368561000119102	Hyperosmolarity due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	401110002	Type 1 diabetes mellitus with persistent microalbuminuria (disorder)
DMTYPE1_COD	420270002	Ketoacidosis due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420486006	Exudative maculopathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420514000	Persistent proteinuria due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420789003	Retinopathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420825003	Gangrene due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420868002	Disorder due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	420918009	Mononeuropathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421075007	Ketoacidotic coma due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421165007	Diabetic oculopathy associated with type I diabetes mellitus (disorder)
DMTYPE1_COD	421305000	Persistent microalbuminuria due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421365002	Peripheral circulatory disorder due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421437000	Hypoglycemic coma due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421468001	Disorder of nervous system due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421893009	Renal disorder due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	421920002	Cataract of eye due to diabetes mellitus type 1 (disorder)

DMTYPE1_COD	422228004	Multiple complications due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	426875007	Latent autoimmune diabetes mellitus in adult (disorder)
DMTYPE1_COD	428896009	Hyperosmolality due to uncontrolled type 1 diabetes mellitus (disorder)
DMTYPE1_COD	444073006	Type I diabetes mellitus uncontrolled (finding)
DMTYPE1_COD	46635009	Diabetes mellitus type 1 (disorder)
DMTYPE1_COD	703137001	Type I diabetes mellitus in remission (disorder)
DMTYPE1_COD	713702000	Gastroparesis due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	713705003	Polyneuropathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	71771000119100	Neuropathic arthropathy due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	739681000	Disorder of eye due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	789571005	Ulcer of heel due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	789572003	Ulcer of midfoot due to type 1 diabetes mellitus (disorder)
DMTYPE1_COD	82581000119105	Rubeosis iridis due to type 1 diabetes mellitus (disorder)

Cluster ID	SNOMED code	SNOMED code description
DMTYPE2_COD	1196922005	Neovascular glaucoma due to diabetes mellitus type 2 (disorder)
DMTYPE2_COD	140381000119104	Neuropathic ulcer of toe due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	140531000119105	Neuropathic ulcer of foot due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	1481000119100	Diabetes mellitus type 2 without retinopathy (disorder)
DMTYPE2_COD	190388001	Multiple complications due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	190389009	Type II diabetes mellitus with ulcer (disorder)
DMTYPE2_COD	190390000	Type II diabetes mellitus with gangrene (disorder)
DMTYPE2_COD	237599002	Insulin treated type 2 diabetes mellitus (disorder)
DMTYPE2_COD	313436004	Type II diabetes mellitus without complication (disorder)
DMTYPE2_COD	314902007	Peripheral angiopathy due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	314903002	Arthropathy due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	314904008	Type II diabetes mellitus with neuropathic arthropathy (disorder)
DMTYPE2_COD	395204000	Hyperosmolar non-ketotic state due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	421750000	Ketoacidosis due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	421847006	Ketoacidotic coma due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	422014003	Disorder due to type 2 diabetes mellitus (disorder)
DMTYPE2_COD	44054006	Diabetes mellitus type 2 (disorder)
DMTYPE2_COD	443694000	Type II diabetes mellitus uncontrolled (finding)

DMTYPE2_COD	445353002	Brittle type II diabetes mellitus (finding)
DMTYPE2_COD	703136005	Diabetes mellitus in remission (disorder)
DMTYPE2_COD	703138006	Type II diabetes mellitus in remission (disorder)
DMTYPE2_COD	789569005	Neuropathic ulcer of heel due to type 2 diabetes mellitus (disorder)