



SCI-DIABETES
USER GUIDE - Patient Audit- Flexible Queries

CONTENTS	PAGE No.
Navigation.....	2
Build Query.....	3-5
Run Query.....	6
View Results.....	7
Edit Query.....	8
Copy Query.....	9

To access the SCI Diabetes website, access via the Clinical Portal

or go to

<https://sci-diabetes.mhs.scot.nhs.uk/sci-diabetes/Auth/Login.aspx>

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Navigation

Click on **Main Menu >>Patient Audit>>Flexible Queries**

The screenshot displays the SCI-Diabetes web application interface. The header includes the SCI-Diabetes logo and the text "Tayside Paediatric Diabetes Clinics". The navigation menu is open, showing the path: Main Menu > Patient Audit > Flexible Queries. A red arrow points from the text above to the "Flexible Queries" option in the menu. The search interface includes fields for Patient ID/CHI, Surname, Date Born, Postcode, Type of Diabetes/Diagnosis, and Current Gender. The search results section is currently empty, displaying the message "Please enter search conditions to enable Search."

SCI-Diabetes Tayside Paediatric Diabetes Clinics

Main Menu ★ User Help | Default Logout (RAZZAK, Muhammad)

Search For A Patient Record ▶ Patient Record > Patient Search

Population Overview ▶

Regional Comparison ▶

Patient Audit ▶

Data Quality Review ▶

Letters ▶

Patient List Management ▶

Clinic Admin Functions ▶

User Account Management ▶

Sweet Text ▶

General Audit

Audit Patient Contacts

Patients With Deteriorating Recordings

View My Contacts

Paediatric Patient Lists

Flexible Queries

Patient ID/CHI is:

Surname begins with:

Date Born is: / / Format: dd/mm/yyyy

Postcode begins with:

Type of Diabetes/Diagnosis is:

Current Gender is:

Search [Tayside Paediatric Diabetes Clinics]:

Search All Patients available to me:

Search Clear

Search Results:

Please enter search conditions to enable Search.

Build a Query

Click on Add a new query link

The screenshot shows the 'Flexible Queries' page. At the top, there is a blue header with the SCI-Diabetes logo and the text 'Tayside Paediatric Diabetes Clinics'. Below the header, there is a navigation bar with 'Patient Audit > Flexible Queries'. The main content area has a blue bar with 'Flexible Queries' and a 'Help' icon. Below this, there is a 'Query:' section with a 'Help' icon. A red arrow points from the text 'Click on Add a new query link' to the 'Add a new query' link in the 'Query:' section. Below the 'Query:' section, there is a text box with the following text: 'Click on an entry below to view the most recent audit query results. Click on one of the actions to submit, edit, copy or delete a query. [Add a new query](#) No records found'. Below this, there is a 'Query Results:' section with the text 'No records found'.

This screen provides users with the ability to manage the queries they have defined and to view the results of a particular query.

Enter Query name, Population/Domain, Notification and Click on Save

The screenshot shows the 'Flexible Query Builder' page. At the top, there is a blue header with the SCI-Diabetes logo and the text 'Tayside Paediatric Diabetes Clinics'. Below the header, there is a navigation bar with 'Patient Audit > Flexible Queries > Flexible Query Builder'. The main content area has a blue bar with 'Flexible Query Builder' and a 'Help' icon. Below this, there is a 'Query:' section with a 'Help' icon. A red arrow points from the text 'Enter Query name, Population/Domain, Notification and Click on Save' to the 'Query:' section. Below the 'Query:' section, there is a form with the following fields: 'Query Name' (text input with 'My Query'), 'Population/Domain' (dropdown menu with 'Tayside Paediatric Diabetes Clinics'), 'Notification' (radio buttons for 'Send me email when query completes' and 'Do not send me an email when query completes'), 'Email address' (text input with 'mrzzak@nhs.net'), 'Created' (text input), 'Last updated' (text input), and 'Query Size' (range slider with 'Min' and 'Max' labels).

Build Query

This screen allows users to “build” custom queries to support analysis of patient data related to their clinical activities. The query builder comes in three main sections:

1. **Add a new entry:** Clicking on this link enables user to define selection criteria for building a ‘custom’ query
2. **Selection Criteria:** Define selection criteria by adding Category, Data Item and Rule. (*multiple Data items can be added to build a query*)
3. **Save:** The Rules table will give a detailed overview of the data items added to the query which can be **Edited** or **Deleted**

Query Information:

Query Name: My Query
 Population/Domain: Tayside Practice 1
 Notification: Send me email when query completes
 Do not send me an email when query completes
 Email address: mrazzak@nhs.net
 Created: 17-Feb-2014 16:00
 Last updated: 17-Feb-2014 16:00
 Query Size: Min

Selection Criteria:

Category: [Dropdown]
 Data Item: Cardiovascular
 Type: [Dropdown]
 Rule: [Dropdown]


Rules:

Click on [Add a new entry](#) to add a data item to the list.

Category	Data Item	Type	Rule		
	Patient ID/CHI		Display Only		
	Patient Name		Display Only		
	ForLists-Forename		Display Only		
Cardiovascular	Angina	Date	Display Only	Edit	Delete

Records 1 to 4 of 4 Records per page 20

Add Another Data Item



SCI-Diabetes

Tayside Paediatrics Diabetes Clinics

Main Menu ★ User Help | Save Print Default Logout (RAZZAK, Muhammad)

Navigation ▶ Patient Audit > Flexible Queries > Flexible Query Builder

Flexible Query Builder

Query:

Query Name	My Query
Population/Domain	Tayside Practice 1
Notification	<input checked="" type="radio"/> Send me email when query completes <input type="radio"/> Do not send me an email when query completes
Email address	mrzzak@nhs.net
Created	17-Feb-2014 16:00
Last updated	17-Feb-2014 16:00
Query Size	Min Max

Rules:

Click on [Add a new entry](#) to add a data item to the list.

Category	Data Item	Type	Rule		
	Patient ID/CHI		Display Only		
	Patient Name		Display Only		
	ForLists-Forename		Display Only		
Cardiovascular	Angina	Date	Display Only	Edit	Delete
Diagnosis	Diabetes Type	List	= Type 1 Diabetes Mellitus	Edit	Delete

Records 1 to 5 of 5 Records per page 20

Rules:

Selection Criteria: Add a new entry

Category: Diagnosis

Data Item: Diabetes Type

Type: List



Rule: Select options Display only

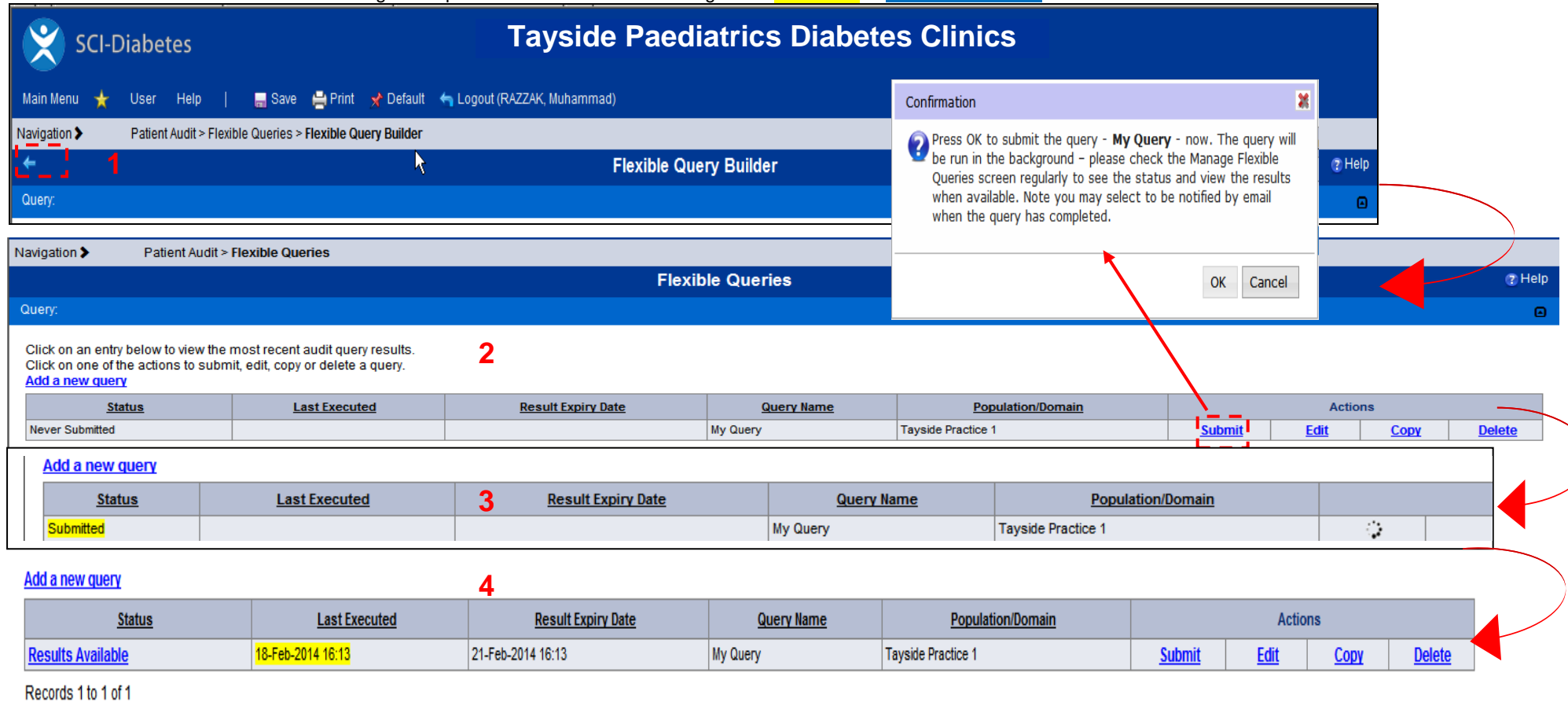
- Type 1 Diabetes Mellitus
- Type 2 Diabetes Mellitus
- Current Gestational Diabetes
- Maturity Onset Diabetes of Youth
- Latent Autoimmune Diabetes of Adulthood
- Maternally Inherited Diabetes and Deafness
- Neonatal Diabetes
- Secondary - Pancreatic Pathology
- Secondary - Drug Induced
- Secondary - Disease
- Impaired Glucose Tolerance
- Impaired Fasting Glucose
- History of Gestational Diabetes
- Stress Induced Hyperglycaemia (transitory)
- Diabetes Resolved
- Not Diabetic
- Diabetes in Remission
- Other Type of Diabetes
- Not Known

Cancel Save

5

RUN QUERY

1. **RUN QUERY**-> To run the query Click on **Return Icon**  under the **Navigation >** Menu
2. **SUBMIT QUERY**-> Click on **Submit** under the **Actions** table
3. **PROCESSING QUERY**-> After **Submit** under the **Status** table will change from Never Submitted to **Submitted** whilst showing processing icon  under **Actions** table
4. **VIEW RESULTS**-> After Processing is complete the **Status** table will change from **Submitted** to **Results Available**



The screenshot shows the 'Flexible Query Builder' interface for 'Tayside Paediatrics Diabetes Clinics'. A confirmation dialog is open, asking to submit the query 'My Query'. Below the dialog, three tables illustrate the query's status progression:

Table 1 (Initial State):

Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions
Never Submitted			My Query	Tayside Practice 1	Submit Edit Copy Delete

Table 2 (Processing State):


Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions
Submitted			My Query	Tayside Practice 1	

Table 3 (Final State):

Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions
Results Available	18-Feb-2014 16:13	21-Feb-2014 16:13	My Query	Tayside Practice 1	Submit Edit Copy Delete

Records 1 to 1 of 1

*While the Query is under processing users can continue with another applications or build another query simultaneously. If the email notification option is selected by the User they can be notified by email of once the query is processed and results are available to view.

VIEW RESULTS

1. Click on the [Results Available](#) Link will generate the Results of the Query: My Query

Flexible Queries ? Help

Query: 🗄

Click on an entry below to view the most recent audit query results.
Click on one of the actions to submit, edit, copy or delete a query.

[Add a new query](#)

Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions			
Results Available	18-Feb-2014 16:13	21-Feb-2014	My Query	Tayside Practice 1	Submit	Edit	Copy	Delete

Records 1 to 1 of 1

Results:

Query: My Query

Results from: 18-Feb-2014 16:13

Patient ID/CHI	Patient Name	Angina	Diabetes Type
1705643627	Thomas, Mike	Yes	Type 1 Diabetes Mellitus

Records 1 to 1 of 1



Records per page

EDIT QUERY

1. Click on [Edit](#) under the Actions table to Edit the Query.

Flexible Queries Help

Query: [icon]

Click on an entry below to view the most recent audit query results.
Click on one of the actions to submit, edit, copy or delete a query.
[Add a new query](#)

Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions			
Results Available	18-Feb-2014 16:13	21-Feb-2014	My Query	Tayside Practice 1	Submit	Edit	Copy	Delete

Records 1 to 1 of 1

2. This will then take the user back to Edit page where the user can **Add a new Entry**, **Delete** or **Edit** current Data Items in the Query.

Flexible Query Builder Help

Query: [icon]

Query Name:

Population/Domain:

Notification: Send me email when query completes
 Do not send me an email when query completes

Email address:

Created: 18-Feb-2014 12:53

Last updated: 18-Feb-2014 16:13

Query Size: Min Max

Rules:

Click on [Add a new entry](#) to add a data item to the list. [icon]

Category	Data Item	Type	Rule		
	Patient ID/CHI		Display Only		
	Patient Name		Display Only		
	ForLists-Forename		Display Only		
Cardiovascular	Angina	Date	Display Only	Edit	Delete
Diagnosis	Diabetes Type	List	= Type 1 Diabetes Mellitus	Edit	Delete

Records 1 to 5 of 5 Records per page 20

COPY QUERY

Users can reuse queries build by them to further add new rules and selections so that they don't have to start building the whole query again. **Copy Query** function enables this functionality.

Flexible Queries Help

Query: [icon]

Click on an entry below to view the most recent audit query results.
Click on one of the actions to submit, edit, copy or delete a query.
[Add a new query](#)

Status	Last Executed	Result Expiry Date	Query Name	Population/Domain	Actions			
Results Available	18-Feb-2014 16:13	21-Feb-2014	My Query	Tayside Practice 1	Submit	Edit	Copy	Delete

Records 1 to 1 of 1

1. User can click on **Copy** link which will recreate **My Query** allowing user to rename the new query with rules already copied from in **My Query** build by the user earlier. User can now edit, delete or add new Data items to modify the copied query as per their requirements.

Flexible Query Builder Help

Query: [icon]

Query Name:

Population/Domain: Tayside Practice 1

Notification: Send me email when query completes
 Do not send me an email when query completes

Email address: mrzzak@nhs.net

Created: 19-Feb-2014 11:38

Last updated: 19-Feb-2014 11:38

Query Size: **Min** **Max**

Rules:

Click on [Add a new entry](#) to add a data item to the list. [icon]

Category	Data Item	Type	Rule		
	Patient ID/CHI		Display Only		
	Patient Surname		Display Only		
	Patient Forename		Display Only		
Cardiovascular	Angina	Date	Display Only	Edit	Delete
Diagnosis	Diabetes Type	List	= Type 1 Diabetes Mellitus	Edit	Delete

Records 1 to 5 of 5 Records per page 20