



**Medtech32
Diabetes Get Checked II
Advanced Form
Release Notes**



These Release Notes contain important information for all Medtech32 Users. Please ensure that they are circulated amongst all your staff. We suggest that these notes are filed safely for future reference.

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For further information on this update, Please contact Medtech Support on 09 358 0116 (Option1) or send us a fax, toll free on 0800 MEDTECH (633 832) or email support@Medtechglobal.com.

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Introduction

The “Diabetes” annual review programme for all people with an established diagnosis of diabetes has been supported by Medtech since 2000 by way of a Screening Template.

However, in 2003 the evidence-based guideline on which the programme is based was updated and includes a specific guideline for cardiovascular disease (CVD).

As a result Medtech32 has been updated to align with new criteria in the guidelines by implementing a new Advanced Form for the Diabetes Get Checked program.

Your PHO may also be using a new database to collect the Get Checked II data from practices. This is referenced in this document as the **PHO Database**.

Some practices will be using BPAC, Predict or other programmes and therefore please check with your PHO if they wish you to use the Diabetes Get Checked II programme.

Pre Requisites

Important Note

Please ensure that you have finalised all the Diabetes Claims prior to running the Diabetes Get Checked Installation

Please review the following prerequisites and ensure they are met prior to installation;

- ▶ Your practice MUST be on Medtech32 Version 18.0 or above. If you ARE NOT on Medtech32 Version 18.0 or above, please DO NOT continue.
- ▶ Ensure the person(s) who will be performing the upgrade have read through this fax notification and the release notes.

IMPORTANT: These documentations contain valuable information that, if not read, could seriously affect the upgrade progress and/or possible down time of your network.

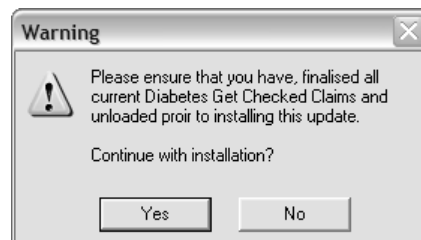
- ▶ Ensure you are ALWAYS logged onto Windows with administrative rights when performing ANY installation, update, or maintenance tasks.
- ▶ This setup MUST be run on the Medtech32 Server and all users must be logged out of Medtech.
- ▶ Ensure ALL Briefcasing laptops with outstanding Briefcased data MUST be checked-in Prior To running the update.
- ▶ This update must also be run on any laptop that is used for Briefcasing.
- ▶ Please ensure the Medtech32 Scheduler, NIR Directory Monitoring Utility, ACC Generic Directory Monitor and ManageMyHealth Online Appointment Manager is shut down prior to running the update.

Medtech32 Update Installation

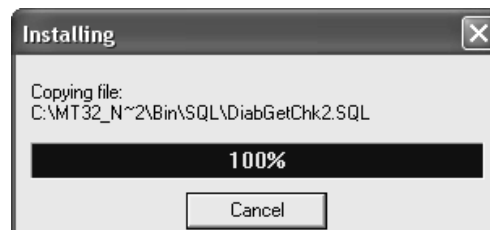
1. Ensure that you are running Version 18.0 or above of Medtech32. This can be checked by logging into Medtech32 and selecting **Help ► About Medtech32** (see pre requisites above).
2. Visit our website at www.medtechglobal.com.
3. Select New Zealand in region drop down (top right hand side of the window)
4. Select menu, **Medtech online > Medtech 32 > downloads**. The New Zealand Medtech32 Update page will be displayed.
5. Here you will find **Medtech Diabetes Get Checked Installation**.
6. In the **File Download Security Warning** dialogue box, select **Run**.
7. In the **Open File Security Warning Dialogue** box, select **Run** option.
8. The update installation screen will appear.



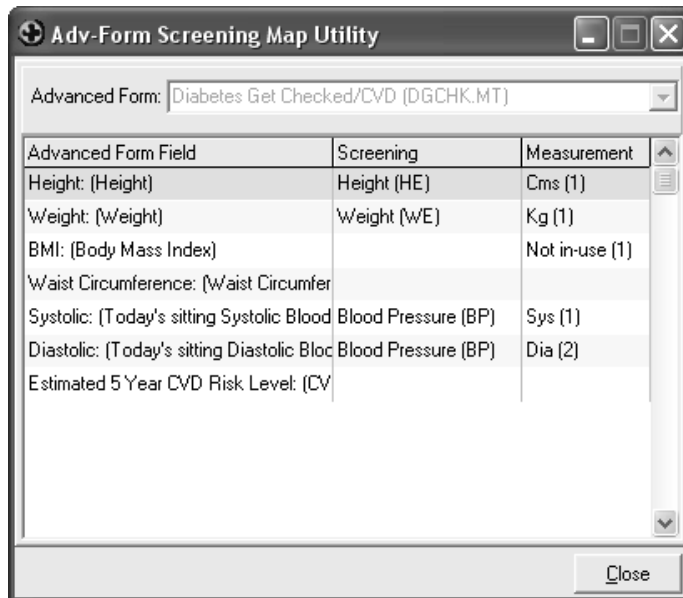
9. The following warning is displayed before the installation begins



10. The installation will now begin.



11. The Advanced Form Screening Map utility will automatically open allowing the user to map the screening code against the corresponding fields in the Diabetes Get Checked II Advanced Form. (refer to *Advanced Forms Screening Map Utility* section for further information). **Please note this utility can be accessed at any time once this upgrade has been installed. It is also able to be used for any Advanced Form**



12. Once you map the correct screening term, click on close button
13. The installation has completed and the following message will appear.



Diabetes Get Checked II Release Notes

The Diabetes Get Checked Review program has been updated to align with the new criteria in the guidelines. This allows the practices to enter the data at the time of the free annual check and forward the data electronically to the PHO.

The system has been modified to send each record as a separate message/file using message transfer utility and also to use a XML format to save the data. The PHO database will acknowledge each XML review message individually.

In Diabetes Get Checked II Practices can choose to send review records to PHO's only for patients with diabetes or send the review regardless of whether the patient has diabetes.

This update also includes Advanced Form mapping utility that will allow the user to map the screening codes against the corresponding fields in the Diabetes Get Checked II Advanced Form.

Note: The Advanced Form Mapping Utility can be used for any Advanced Forms.

(refer to Advanced Form Screening Map Utility for further information)

Setup

Important Note

There are a number of setup items in Medtech32 that must be actioned to ensure the Diabetes Get Checked II template is working at an optimum level. These items are listed below.

Advanced Forms

Setup ▶ Advanced Forms ▶ Advanced Forms Manager

As a part of the installation for the Diabetes Get Checked II, an Advanced Form is added to the Medtech32 database under the Setup ▶ Advanced Forms ▶ Advanced Forms Manager.

The Practice should use this Advanced Form to complete the Diabetes Review of the Patient and record the review details in Medtech32.

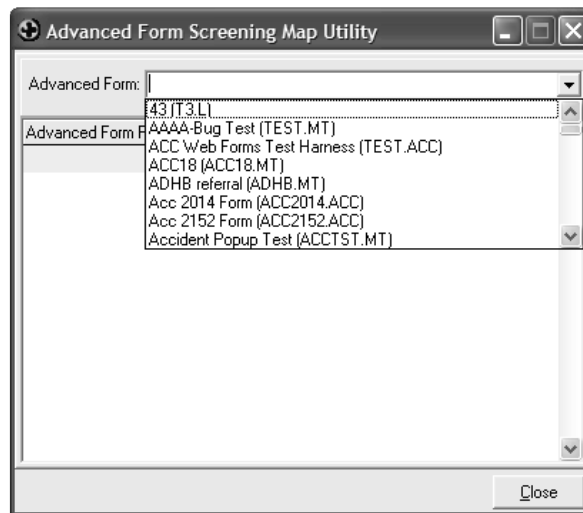
Advanced Form Screening Map Utility

Utilities ▶ Advanced Forms ▶ Screening Map Utility

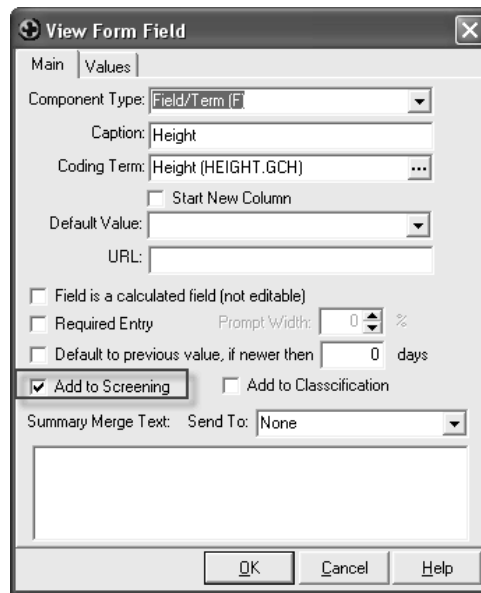
The Advanced Form Screening Map Utility will allow the user to map coding terms used by a specified Advanced Form to available screening codes in a specified database. This is only available for Advanced Forms not Web Forms.

This utility can be used instead of going directly to the concept mapping option as per below.

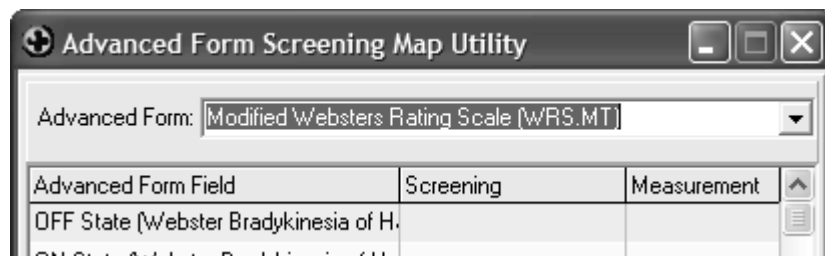
Users can select the Advanced Form and the coding terms for that specified form will be displayed in the list.



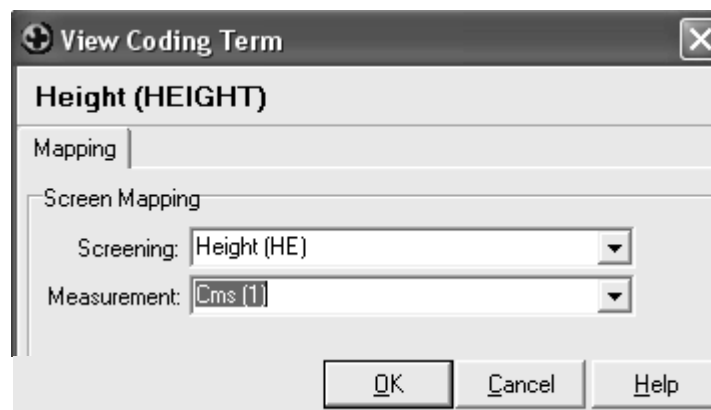
Important Note: Please make sure that you select the Add to Screening check box for each field in the Advanced Form so that they are displayed in the list to map the screening term.



Select the Advanced Form from the Advanced Form combo box and the coding terms/ fields will be available to map the screening terms.



Double click on the Advanced Form field listed to map the screening term.



Select the relevant screening code and once you have selected the relevant Screening Code, select from the Measurement the relevant Value for the selected screening code.

Once you attach the screening terms please click ok and the Advanced Form field will be mapped to the screening term.



Repeat this process for the remaining coding terms/fields.

Note: If Coding terms/Fields are not mapped correctly, then the data that is designed to auto populate into the Advanced Form may not appear correctly or may not auto populate.

Setup ▶ Advanced Forms ▶ Concept Map

There are a number of Concept Maps that are required to be configured based on the practices current Screening Terms for capturing Patient Data. **Please Note: Mapping of the concepts can be completed by using the mapping utility above**

Coding Terms Requiring Mapping (Coding Terms)

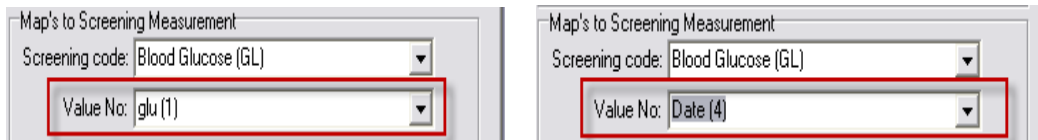
Note: Many of these items have been mapped to a default screening. Please check the Coding Terms to ensure that they are correctly mapped to the practice relevant code.

Coding Term	Description	Default Mapping
HEIGHT	Height	HE.1
WEIGHT	Weight	WE.1
WAIST	WaistCircumference	
CVDRSK	Calculated CVD Risk (for writing back a CVD Risk percentage)	
MACWORST	Maculopathy – worst eye	RETSCR.5
RETWORST	Retinopathy – worst eye	RETSCR.6
VISACUL	Visual Acuity – left	RETSCR.4
VISACUR	Visual Acuity – right	RETSCR.3

Important Note: Please make sure that you exit out of Medtech 32 completely for changes to take effect.

Concepts for user mapping (map to related screening)

Note: Where there are two concepts for a value and date (eg, GCHGLUC/GCHGLUCDT), both should be mapped to the same screening term and field. The value concept should be a “text” type and the date should be an “observation date”.



The following concepts do refresh (if the value has not been filled on the form previously) if you park a form, then reopen after receiving the test results.

Make sure the unit of the screening item you map to is the same as used on the form. For Example: When you are mapping the Screening Term for Fasting Glucose, ensure that the **Unit** that you are mapping matches the unit required

on the Diabetes Get Checked II Advanced Form; in this case it would be mmol.

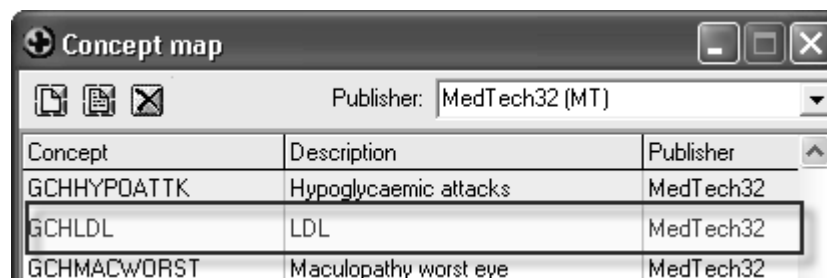
Concept	Description	Default Mapping
GCHGLUC	Fasting Glucose	
GCHGLUCDT	Fasting Glucose Date	
GCHCHOL	Total Cholesterol	
CHOLDATE	Total Cholesterol Date	
GCHHDL	HDL Cholesterol	
GCHTRIG	Triglycerides	
GCHLDL	LDL	
GCHHBA1C	HbA1c	
GCHHBA1CDT	Date of HbA1c	
GCHCREAT	Serum Creatinine	
GCHCREATDT	Serum Creatinine Date	
GCHGFR	eGFR	
GCHACR	Urine Albumin to Creatine Ratio	
GCHACRDT	Urine ACR Date	
GCHRETSRDT	Retinal Screening Date	RETSR.1 - Obs. Date
GCHRETRCLDT	Ret Screen Recall Date	RETSR.2

To map a Concept to the necessary Screening Term:

1. Select Setup > Advanced Forms > Concept Map
2. In the Publisher drop down list select Medtech32



3. Browse the list of Concept Terms to find the ones that you need to map your Screening Terms to.



4. Double Click to open the selected Concept Record.

In the Map to Screening Measurement drop down combo select from your list of Practice Screening Terms the relevant Screening Code for the selected Concept.

Once you have selected the relevant Screening Code, select from the Value No: field the relevant Value for the selected Concept.

The screenshot shows a window titled "View Concept map" with a close button. The main title is "LDL (GCHLDL)". Below the title are tabs for "Main", "More", and "Value map". The "Main" tab is active. Fields include:

- Application Code: MedTech32 (MT)
- Concept Code: GCHLDL
- Description: LDL
- Concept Type: Text Value
- Map's to Table (Patient, Provider, Location, Accident):
 - Link table: (empty dropdown)
 - Link column: (empty dropdown)
- Map's to Screening Measurement:
 - Screening code: Cholesterol (CH)
 - Value No: LDL 2
- Map's Advanced Forms Term: (empty dropdown)

- Repeat this process for the remainder of the Concepts that need to be mapped.

Note: If Concept Maps are not completed correctly, then the data that is designed to auto populate into the Diabetes Get Checked Advanced Form may not appear correctly, or may not auto populate.

Healthcare District ID

Setup ▶ Location ▶ Details

A new field Healthcare District ID has been added to the Location Setup screen. This new field needs to be completed in the **Setup ▶ Location ▶ Details Tab** to enable the Practice to send the Diabetes Claims electronically via HealthLink (this is a mandatory field, and electronic Diabetes Claims will fail transmission validation is not filled in). Select the relevant HealthCare District the practice is located in from the drop down list.

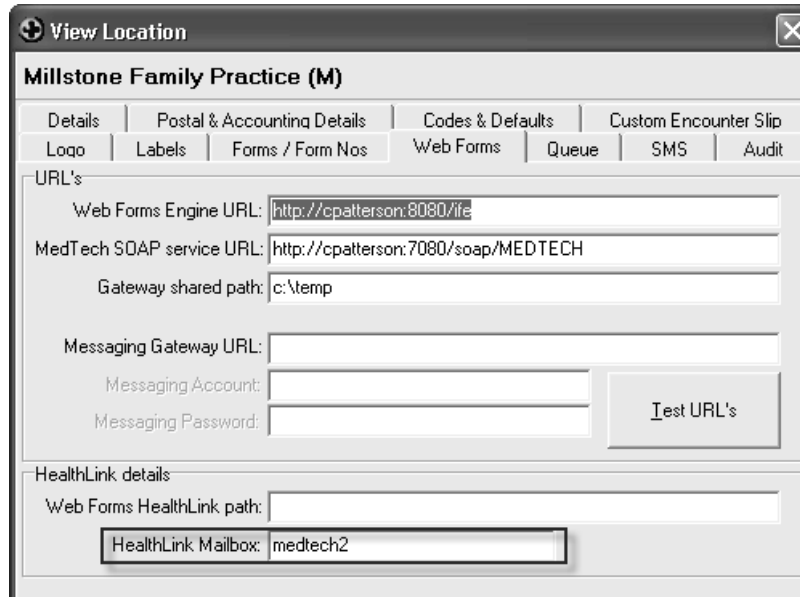
The screenshot shows a form with several fields:

- Fax Phone: (empty text field)
- Area: (empty dropdown)
- Healthcare District: Auckland (CAK) (dropdown menu is open showing a list of districts: Auckland (CAK), Bay of Plenty (BOP), Canterbury (CTY), Capital and Coast (CAF), Counties Manukau (S/), Hawkes Bay (HwB), Hutt (HUT))
- Inactive:
- OK button

HealthLink Mailbox

Setup ▶ Location ▶ Location Settings ▶ Web Forms Tab

A new field HealthLink Mailbox has to be completed in under the **Setup ▶ Location ▶ Location Settings ▶ Web Forms Tab** to enable the Practice to send the Diabetes claims successfully. This field should contain your Practice HealthLink EDI Account.



View Location

Millstone Family Practice (M)

Details | Postal & Accounting Details | Codes & Defaults | Custom Encounter Slip
 Logo | Labels | Forms / Form Nos | **Web Forms** | Queue | SMS | Audit

URL's

Web Forms Engine URL:

MedTech SOAP service URL:

Gateway shared path:

Messaging Gateway URL:

Messaging Account:

Messaging Password:

HealthLink details

Web Forms HealthLink path:

HealthLink Mailbox:

Services

Setup ▶ Accounting ▶ Services

New service codes have been added so that the Practice can invoice the Patients based on the Review Status being performed.

- DIAP 0 - Diabetes Patient Charged
- DIAP 1 - Diabetes Free Annual Check
- DIAP 2 - Diabetes HO Program Check
- DIAP 4 - Diabetes Practice Use

Subsidy

Setup ▶ Accounting ▶ Subsidy

New Subsidies have been added so that the claims will be automatically generated when the Patient is invoiced for the Diabetes Services.

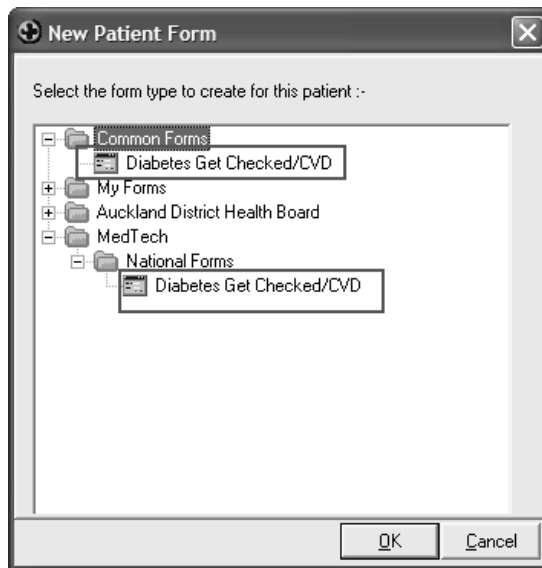
- DIAP 0 - Diabetes Patient Charged
- DIAP 1 - Diabetes Free Annual Check
- DIAP 2 - Diabetes HO Program Check

Diabetes Get Checked II Web form

Module ▶ Advanced Forms ▶ New Form

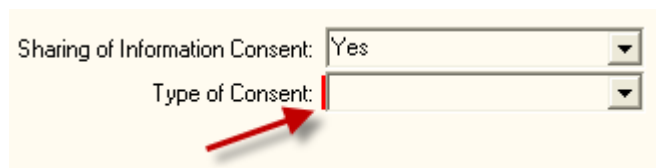
Once the installation is completed you will be able to access the new Diabetes Get Checked Form via Module ▶ Advanced Forms ▶ New Form.

The form will be listed under the Common Forms as well as under the National Forms. Highlight the form and click ok or double click to open the form.



Important Notes relating to Form Generation

All the mandatory fields will display a | sign in red next to it.



The user will be prompted when fields are not accurately completed or data entered falls outside of the recommended ranges.

The user must complete all mandatory fields and ensure all data is accurately entered before the user will be able to close and complete the Advanced Form.

Where the Structured Review Status is set to **Practice Use Only** there will be no Mandatory field flags.

The form will be displayed as follows:

Review Status Tab

Diabetes Type – The Diabetes type of the patient can be selected from the list and if the Patient has no diabetes, user can choose No Diabetes option.

Structured Review Status – The user can choose any one of the four options for the Structured Review Status. These options are explained below

Annual but Patient Charged – This value is for practices that – typically on the grounds of the price paid for Get Checked – would prefer to charge the patient rather than claim the subsidy. The same validation rules for a free annual check will be applied, and the record saved on PHO database. Duplicates (more than one a year) will be identified by the PHO database and the results will be included in reports to Local Diabetes Team in each DHB. No payment will be made by the PHO database.

Free Annual Check - This is equivalent to the present Get Checked Programme. Validation rules for a free annual check will be applied. The PHO database will make a payment using the PHO price. If the payment expected (in the message from Medtech32) does not equal the payment the PHO will make then this is flagged in the acknowledgement message. Duplicates (more than one a year) will be identified by the PHO database and payment may be rejected.

PHO Program Check - This record will be saved on the PHO database. Any number of checks can be performed in a year, and may include a CVD risk assessment in people without diabetes (when the "type of diabetes" value is "0"- no diabetes).

No payment will be made by the PHO database (ie the price is \$0) at this stage.

Practice Use Only - This would be used by the practice for patients with or without diabetes, No information is sent to the PHO.

Important Note: In the remaining form tabs, there are a number of mandatory fields that are required to be completed before sending the form. Other fields may also default data from lab results and screening terms if mapped correctly as highlighted in the beginning of the document.

Examinations Tab

Diabetes Tab

CVD Tab

Clinical History

Pregnant:

Angina AMI:

PTCA CABG:

Stroke / TIA:

Peripheral Vascular Disease:

Atrial Fibrillation:

Genetic Lipid Disorder:

Metabolic Syndrome:

Renal Disease:

Smoking History:

Family History

Family history of early cardiovascular disease:
 (Is there family history of ischaemic heart disease or ischaemic stroke occurring in first degree male relative before age 55 years or first degree female relative before age 65 years?)

CVD Risk Assessment

CVD Risk:

Parked

Treatment Tab

CVD Treatment

Aspirin:

Clopidogrel:

Warfarin:

ACE Inhibitor:

A2 Receptor Antagonist:

Beta Blocker:

Thiazide:

Calcium Antagonist:

Other Anti-Hypertensive:

Statin:

Fibrate:

Other Lipid Lowering Medication:

Nicotine Replacement Therapy:

Green Prescription:

Diabetes Treatment

Diet/Lifestyle Therapy Only:

Insulin:

Metformin:

Sulphonylurea:

Glitazone:

Acarbose:

Summary

Summary/Notes:

Parked

Claims

Important Note

Please ensure that you have finalised all the Diabetes Claims prior to running the Diabetes Get Checked Installation

Module ▶ Claims ▶ Finalise

The Diabetes Get Checked Claims will be automatically generated once the Diabetes Get Checked II Advanced Form is completed for a Patient. The Claims need to be finalised (using the standard Medtech32 Claims Finalise Process) and once they are finalised they will be displayed in the Select Claims List.

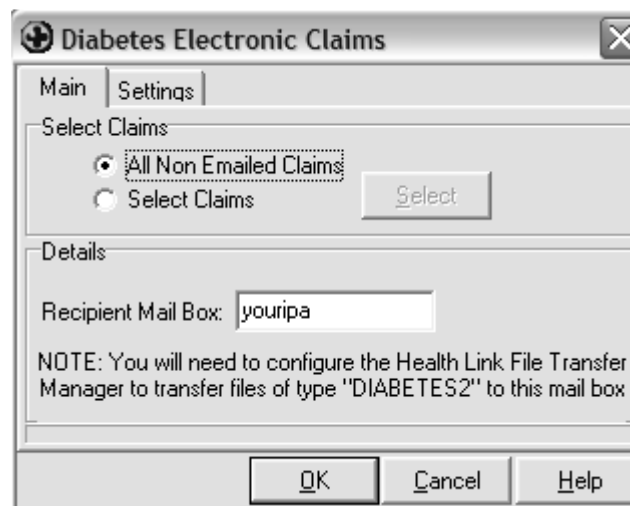
Diabetes Claims Subsidy

The Free Annual Check Status for a structured review in the claim segment contains the following values:

- 0 = Annual check but patient charged
- 1 = Free Annual Check
- 2 = PHO program check
- 3 = Decision-support only (Not implemented as yet)
- 4 = Practice use only

A Free Annual Check Status of "Practice use only" will not have an associated subsidy, as the practice will not be submitting claim data for these reviews.

Once the PHO receives the Claim file, they will validate the file at their end and send back the acknowledgement to Medtech32. Messages that have been acknowledged or awaiting acknowledgement can be viewed the next time when you process the Diabetes Electronic Claims.

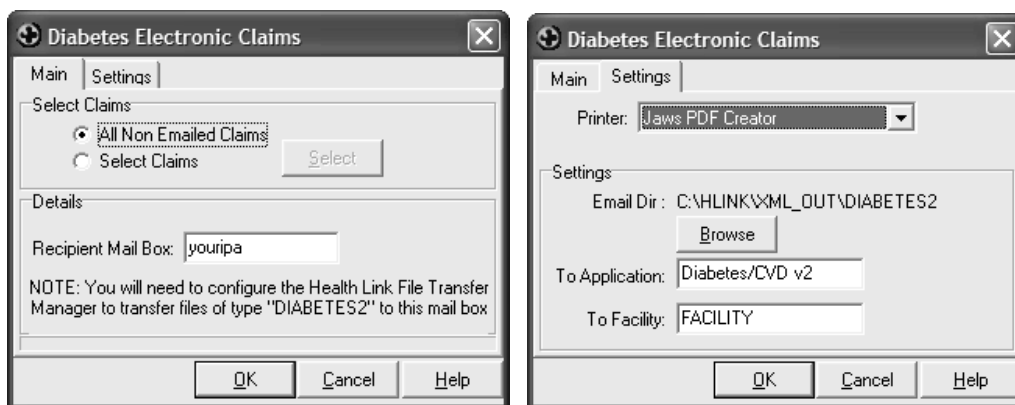


Utilities

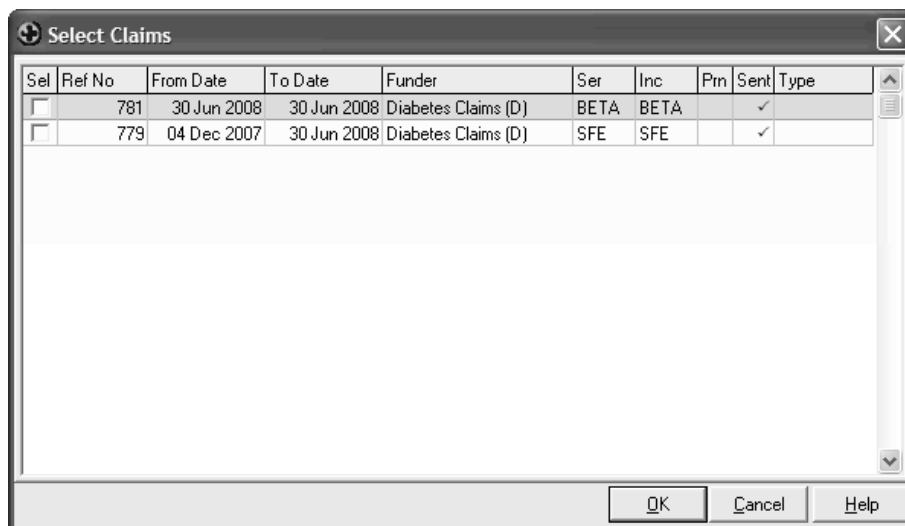
Utilities ► Diabetes ► Get Checked II Electronic Claims

A new menu **Get Checked II Electronic Claims** has been added in the **Utilities ► Diabetes** menu. The **Get Checked II Electronic Claims** utility will provide the user interface to select claims, enter the PHO mailbox, printer and email directory.

Users have to enter the recipient EDI account in the **To Facility** field.



All the Claims generated will be displayed in the Select Claims list as a batch once they are finalised.



The Get Checked II Electronic Claims Utility, when processed, will generate the XML files for each of the selected Review Records and associated claim invoices.

Utilities ▶ Diabetes ▶ Screening Map Utility

The Screening Map Utility option opens the Advanced Form Screening Map Utility allowing the user to map coding terms used by Diabetes Get Checked II form to correct screening codes in their database.

(refer to Advanced Form Screening Map utility for further information)

Reports

A Diabetes unload report is generated at the end of a successful claiming process. It contains the claims/invoices sent and any acknowledgements received or awaiting acknowledgement.

Diabetes Unload Report

Diabetes Unload Files Generated at - 3 Mar 09 4:15 pm

Ref No	Ser Patient	Inc	From Date	To Date Invoice Date	Descr	Amount
490	BETA	BETA	3 Mar 09	3 Mar 09		0.00
489	EASTMAN	Ellie (3011)		3 Mar 09	Diap Patient Charged	0.00

Diabetes Unload Files Waiting Acknowledgement (excluding above)

Inv No	Patient	Date Sent	Descr
487	SALES Sherry (130259)	3 Mar 09	Diap PHO Program Chk

Important Note: If your Practice/PHO chooses NOT to implement the Diabetes Get Checked II Program the old Diabetes Get Checked Screening Template will be available together with the Electronic Claims Unload in: **Utilities ▶ Diabetes ▶ Electronic Claims.**

Should you have any questions with regard to the information contained in these Release Notes please don't hesitate to contact the Medtech Helpdesk on **09 358 0116 (Option 1).**