

Instructions for Use
OtoAccess[®]

GDT Interface

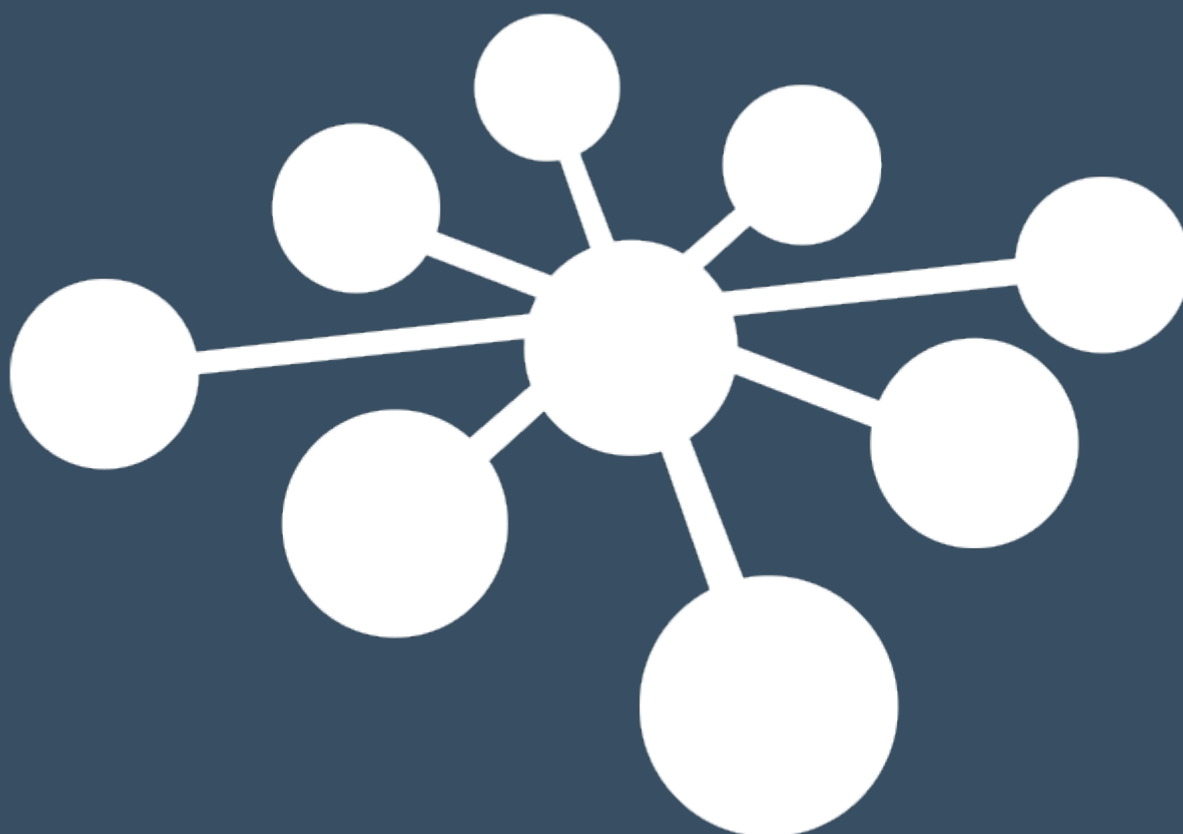


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1 Introduction

1.1 About this Manual

This manual is valid for the OtoAccess® GDT Interface. The product is manufactured by:

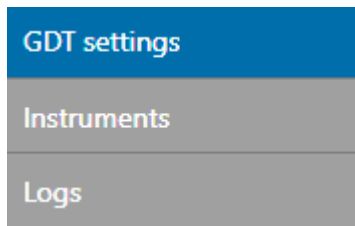
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This document describes the GDT (Geräte-Daten-Träger) interface implemented for OtoAccess® version 2. GDT version 2.1 standard is followed and implemented protocols are 6301, 6302, 6310 and 6311.

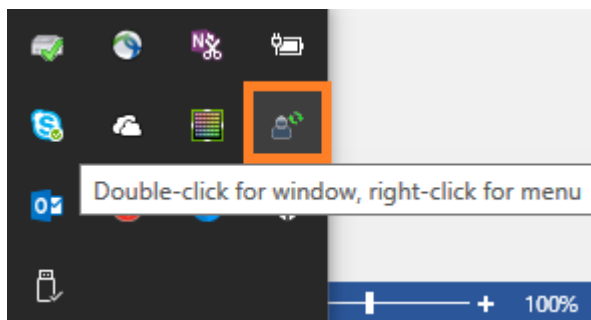
The GDT interface for OtoAccess® is a separate application and runs independently. If OtoAccess® or any other OtoAccess® supported application is not logged in by a user, starting a GDT application will require a user authentication with OtoAccess® database. The separate GDT installer is distributed with OtoAccess® version 2 package.

1.2 GDT interface Description

The main screen of the GDT software consists of three categories: GDT settings, Instruments and Logs.





Closing an application will not stop the application running. GDT application will be running in background and you can access the application from Quick launch icon. 



Right click on Quick launch icon pop ups, you get three menu options:

Preferences – click on this option / double click on quick launch icon lounges the application.

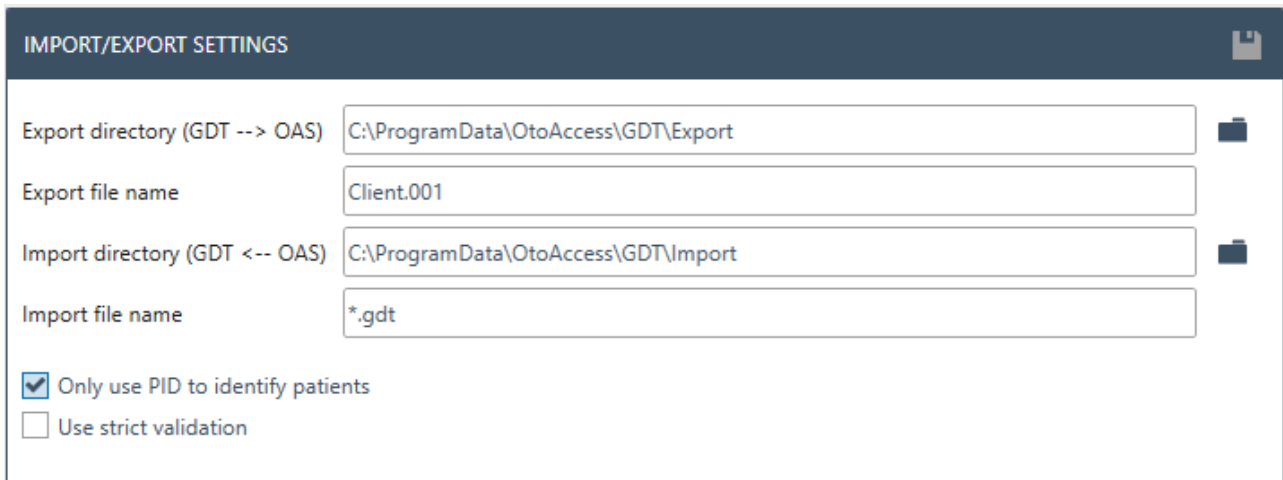
Stop/Start – Stop or Start the GDT process without closing the application. Quick launch icon state changes according to the actions.  / 

Exit GDT – Exit the application.



1.3 GDT settings

This section provides key settings options for GDT interface.



IMPORT/EXPORT SETTINGS

Export directory (GDT --> OAS) C:\ProgramData\OtoAccess\GDT\Export

Export file name Client.001


Import directory (GDT <-- OAS) C:\ProgramData\OtoAccess\GDT\Import


Import file name *.gdt

Only use PID to identify patients

Use strict validation

1. **Export Directory:**
Choose an export directory for GDT interface. Third-party system looks here for any out file from GDT interface.
2. **Export File Name:**
Specify the file name with extension, which is expected by third-party system.
3. **Import Directory:**
Choose an import directory for GDT interface. Third-party system drops the input files here.
4. **Import File Name:**
Specify the extension of the files, which should be processed by GDT interface. Specific file name can also be used.
5. **Only use PID to identify patients:**
The default patient identification in OtoAccess® V2 is, using combination of Patient id, Date of birth, First name and Last Name. Tick if patient should be identified by Patient id only.
6. **Use strict validation:**
Strict GDT file validation will be applied according to the GDT standard specification. Tick if the strict validation should be applied.

Click on folder icons  to choose the appropriate paths for Import/ export.

When settings are applied click the save button icon  to save the settings.



1.4 Instruments

The Installed OtoAccess® V2 supported Instrument modules are shown here. Scroll down to see all modules if number of items are high.

If third party system needs label mapping to instrument modules, then click 'add' icon button .


Instruments	
Diagnostic Suite	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Diagnostic Suite\DiagnosticSuite.exe
DPOAE20	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Atlas\Compatibility\lab2Proxy.exe
EP	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Atlas\Compatibility\lab2Proxy.exe
Equinox Suite	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Affinity Suite\AffinitySuite.exe
TEOAE25	
Manufacturer	Interacoustics

Clicking the add button will prompt the following control on top of the list. If applicable, provide label mapping to instrument modules and optional arguments, which may be used by instrument module during start.

Instruments	
Application	Titan Suite 1 <input type="button" value="v"/>
Module	Dpoae 2 <input type="button" value="v"/>
Label	<input type="text" value="3"/>
Optional argument	<input type="text" value="4"/>

- Application:**
Use the combo box to choose the application/Instrument module.
- Module:**
Use the combo box to choose the measurement module which is supported by the application/ instrument module.
- Label:**
Provide the Label for the measurement module chosen.
- Optional argument:**
If applicable, provide optional command line argument to be used by application/ instrument module during the start.



Click OK button  to add your data feeds. Continue the same steps if other modules need to be labeled.

An example of label mappings and arguments

Equinox Suite	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Affinity Suite\AffinitySuite.exe
Titan Suite	
Manufacturer	Interacoustics
Path	C:\Program Files (x86)\Interacoustics\Titan Suite\TitanModuleSuite.exe
Instrument label	ABR
Module name	Abris
Command line argument-	ABRIS
Instrument label	OAE
Module name	Dpoe
Command line argument-	DPOAE

1.5 Logs

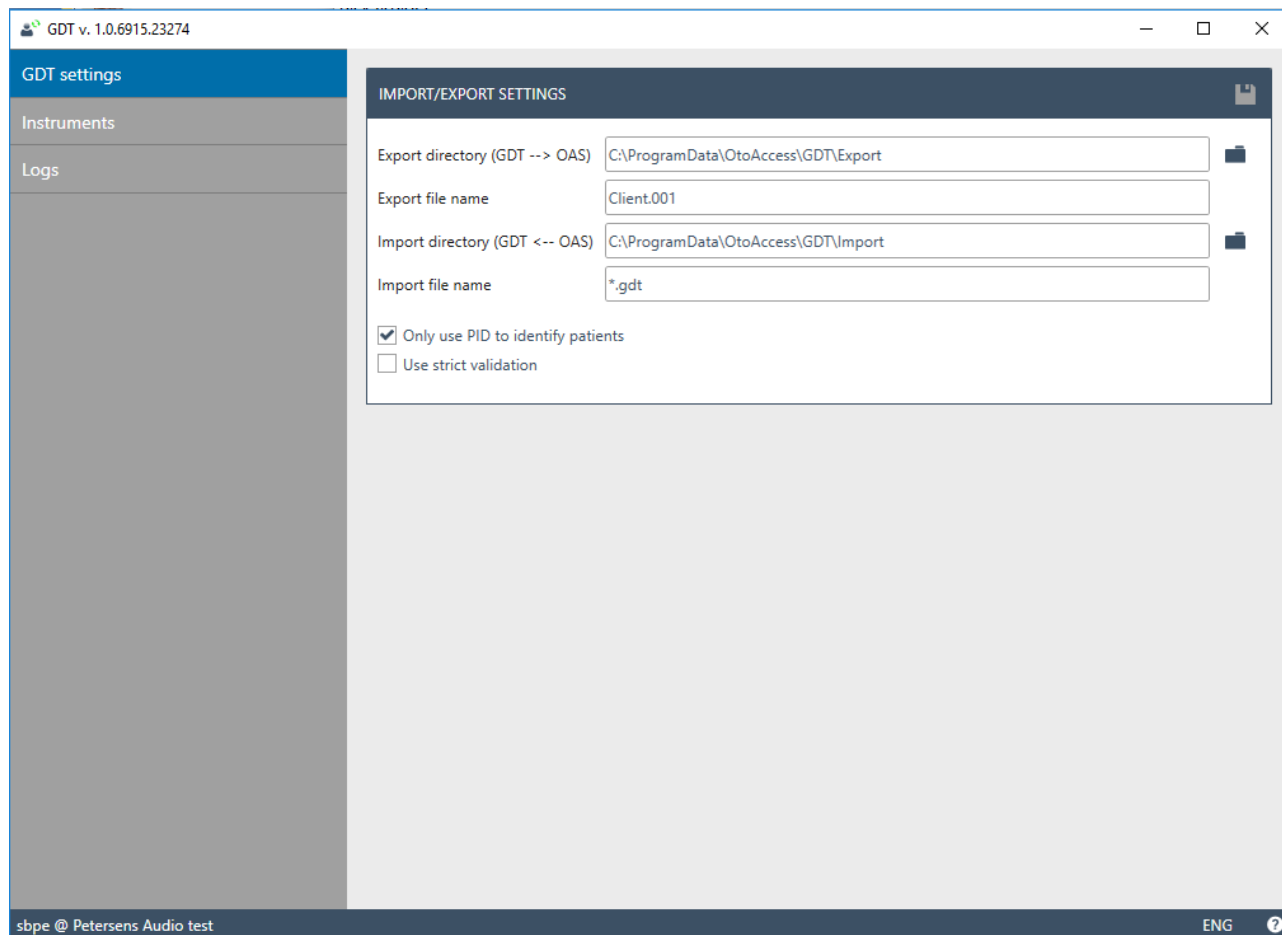
Each action related to GDT interface is logged. Each entry represents an action with time stamp. Log entries are not saved in disk. This means that log can be viewed and debug any issues until and unless GDT interface is running.

GDT EVENTS
14-12-2018 - 12:56 Selected patient: Andre Klein
14-12-2018 - 12:56 GDT file is invalid
14-12-2018 - 12:56 Updated patient details for: Thomas Winkel
14-12-2018 - 12:56 GDT file is invalid
14-12-2018 - 12:54 GDT file is invalid
14-12-2018 - 12:54 GDT watching path: C:\ProgramData\OtoAccess\GDT\Import for files: *.gdt



1.6 GDT interface application

The screenshot explains the application first look on opening. There are few options in bottom bar, which are numbered and explains below.



1. Shows the logged in user at present.
2. Shows the facility name registered in OtoAccess® administration application.
3. Language change option. Preferred language can be chosen here, but change will reflect to OtoAccess® language and related supported applications language and vice versa.
4. Help option. Click on the question icon button or pressing F1 key will open the help manual of GDT interface.



2 GDT message types

The supported message types are Transferring patient information (6301), Opening a module (6302), reopen a historical session (6311) and Results (6310).

2.1 Transferring patient information (6301)

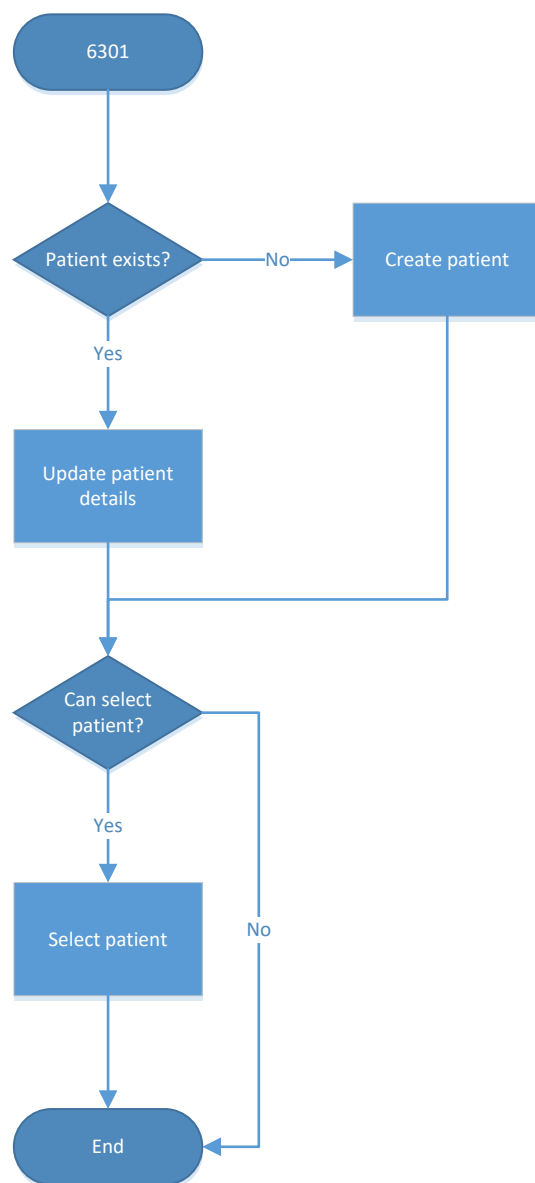
The 6301 file is placed in the Import directory. If the patient exists in the database, then OtoAccess® will search for and select that client. If not, the client will be added to the database and will be selected.

Example of 6301 file

```

01380006301
0128100177
011300016
0193101Mustermann
0153102Martin
017310305091900
0123104Dr.
01931051234567890
022310681679 München
0273107Mustermann Str. 34
    
```

6301 file process logic in OtoAccess®



2.2 Opening a module (6302)

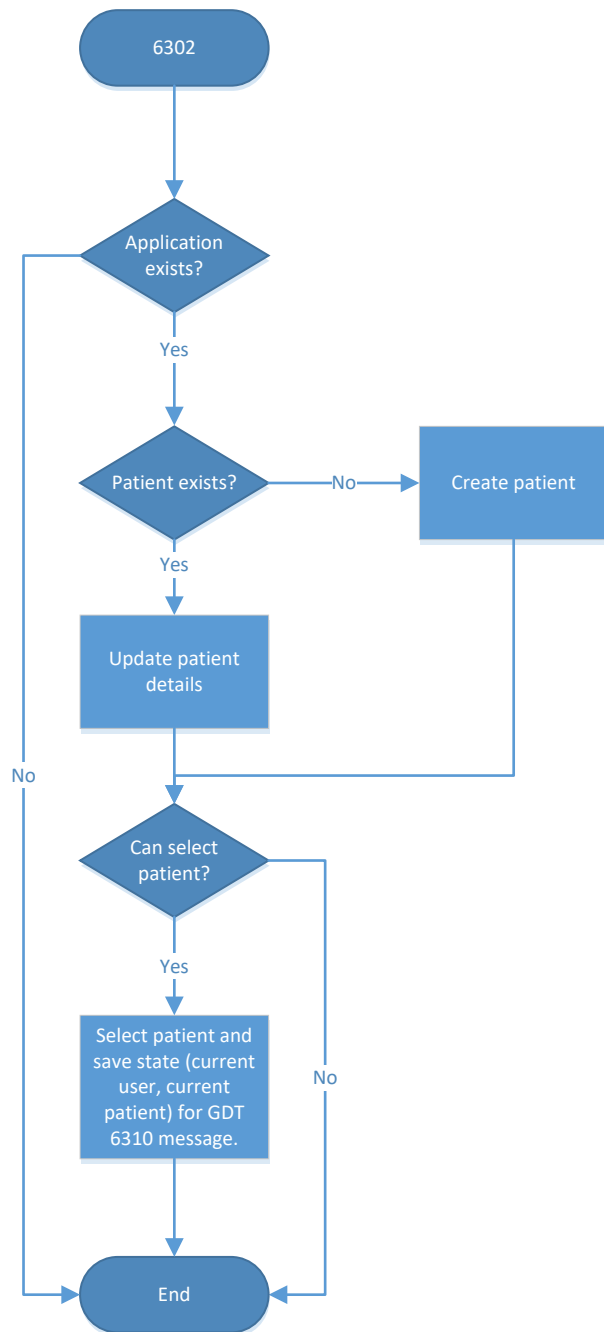
The 6302 file is placed in the import directory. If instrument specified in the file exist, then process will continue else process will terminate. If the patient exists in the database, then OtoAccess® will search for it and select that patient. If patient not exist, the patient will be added to the database and the patient will be selected. Finally, the instrument module specified in the file will be opened.

Example of 6302 file

```

01380006302
014810000235
01392182.00
011300016
0193101Mustermann
0153102Martin
017310305091900
0123104Dr.
01931051234567890
022310681679 München
0273107Mustermann Str. 34
01031081
01031101
01036220
01036230
0138402BERA
    
```

6302 file process logic in OtoAccess®



2.3 Reopen a historical session (6311)

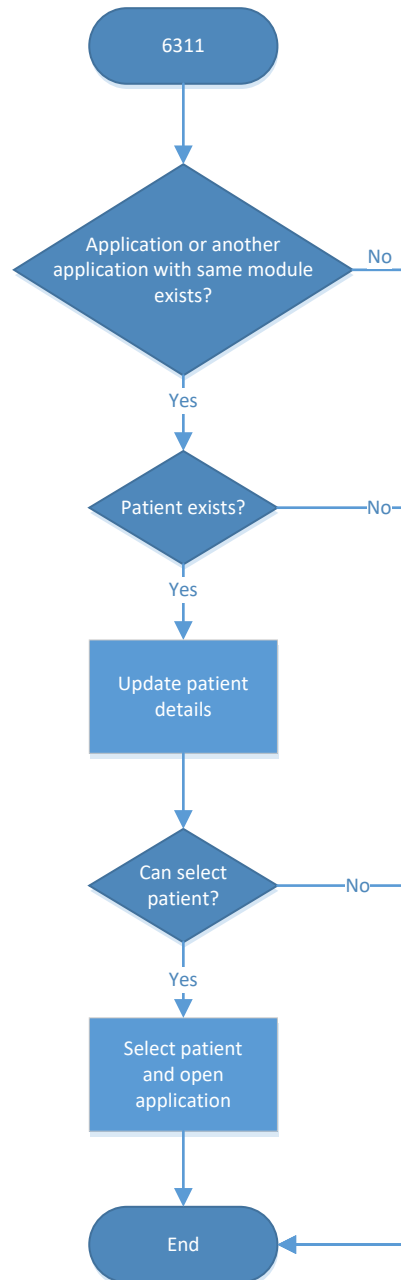
The 6311 file is placed in the import directory. If instrument specified in the file exist, then process will continue else process will terminate. If the patient exists in the database, then OtoAccess® will search for it and select that patient. If patient not exist, the process will terminate. The instrument module specified in the file will be opened and try to load the session specified in the file. If appropriate session is not existing, nothing will be loaded into instrument module.

Example of 6311 file

```

01380006311
014810000176
01392182.00
011300016
0193101Mustermannadm
0153102Martin
017310305091900
0123104Dr.
0138402BERA
017620024042007
017843224042007
0158439140805
    
```

6311 file process logic in OtoAccess®



2.4 Results (6310)

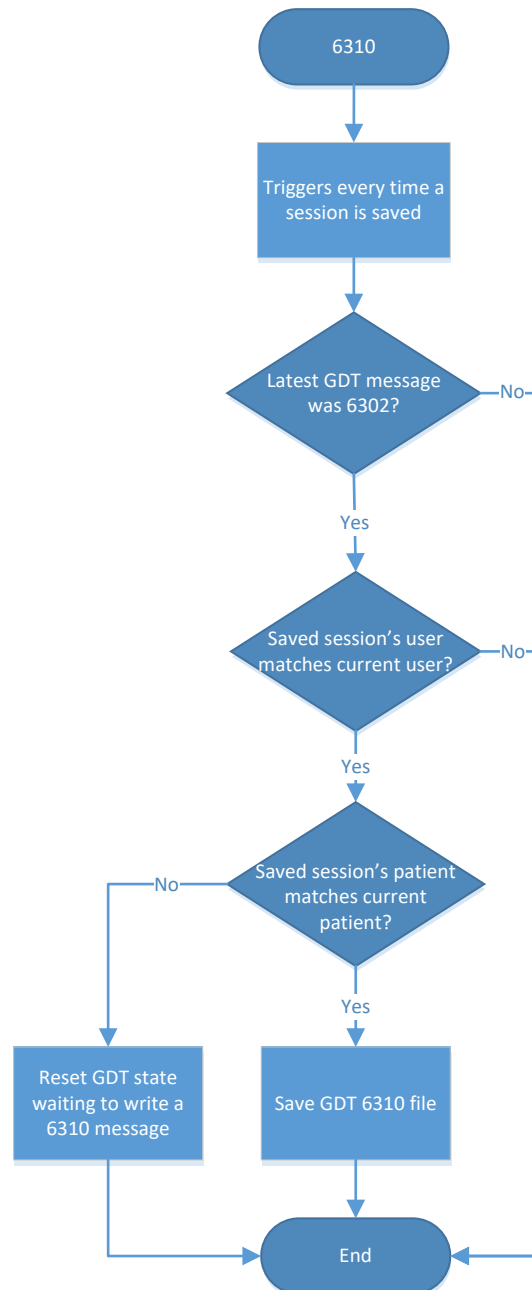
The 6310 is placed in the export directory by GDT interface. If an Instrument module is opened by 6302 message, continue test and save the session only produce the 6310-output file. The 6310 will contain the session date & time and the module name along with patient identification.

Example of 6310 file

```

01380006310
0128100117
01392182.00
0148402ABRIS
011300014
017843224042007
0158439102521
0146221ABRIS
    
```

6310 file process logic in OtoAccess®



3 xGDT support

Stating an instrument module always passes the GDT message (6302) received by Interface. Also passes the optional command line argument if any set, as described in the section 1.3. This allows instrument modules to process the GDT message and do their own logic depending on needs.

