



## QUICK USER GUIDE

### Nexus IB10 Data Manager Software

Version 1.0

#### 1. Application Information

Application Name	Nexus IB10 Data Manager Software
Compatible Instrument	Nexus IB10 Analyzer (IVR-IB59, PN 050-00077)
Version	Version 1.0
Description	This software connects to the Nexus IB10 Analyzer (IVR-IB59, PN 050-00077) to provide an alternate way to view and print the blood analyzer's results. The primary method being via the local IB10 User Interface.

#### 2. System Requirement: Windows PC meeting the following requirements

Operating System	Windows 7 or higher
CPU	≥ 1GHz
RAM	≥ 1 GB (32-bit) or 2 GB (64-bit) of RAM
Storage	16 GB of free hard disk space

#### 3. Key Features - Analysis Results Management

3.1	<b>Transfer</b>	Receive analysis results transferred from the IB10 analyzer
3.2	<b>Display</b>	Display analysis results on the PC screen
3.3	<b>Sort</b>	Sort analysis results by analytes chosen by the user
3.4	<b>Search</b>	Search analysis results that meet search criteria
3.5	<b>Print</b>	Print analysis results
3.6	<b>Filter</b>	Allow users to print only selected analytes from analysis results
3.7	<b>Edit</b>	Allow users to add and edit patient information to analysis results
3.8	<b>Export/Import</b>	Allow users to export and import CSV files populated from Data Manager

#### 4. Other Functions

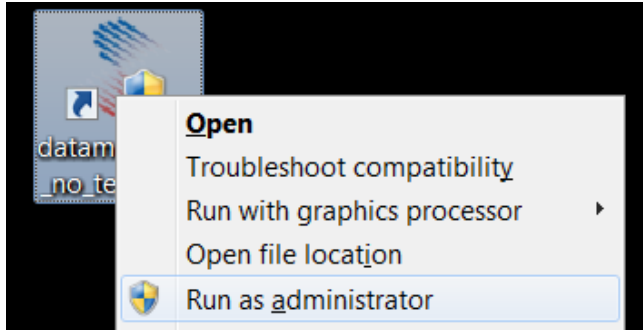
4.1	Account Management	Create and delete accounts, change passwords
4.2	Language Selection	English, German, French, Italian, Swedish, Danish, Norwegian, Korean
4.3	Login/Logout	Login and logout for individual user-controlled access

## ■ Using the Data Manager

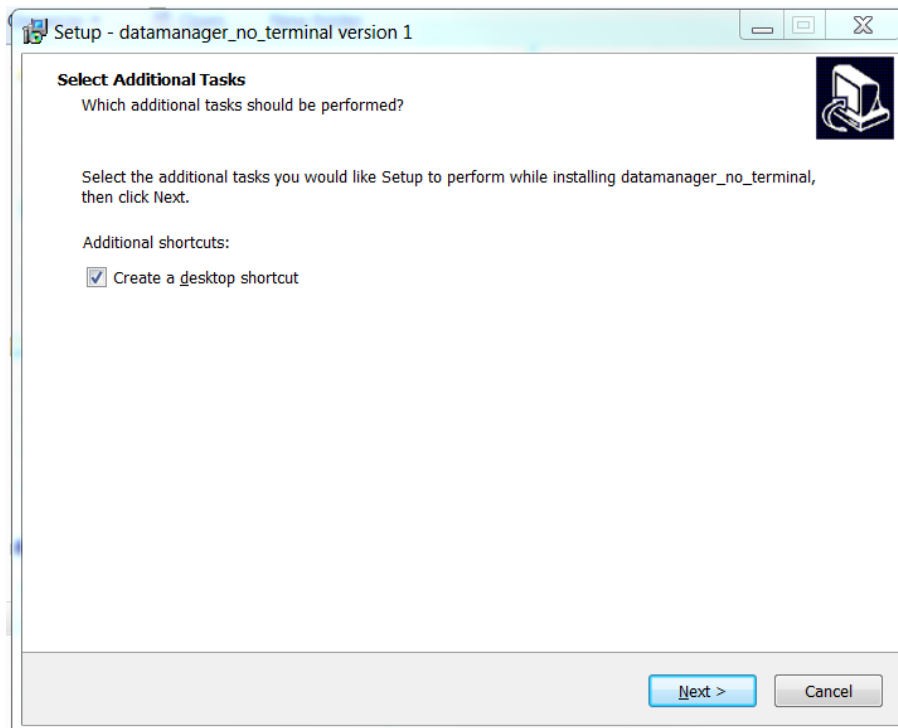
### ■ Installing the PC Software

Download the Data Manager file from <https://www.nexus-dx.com/customer-downloads/>

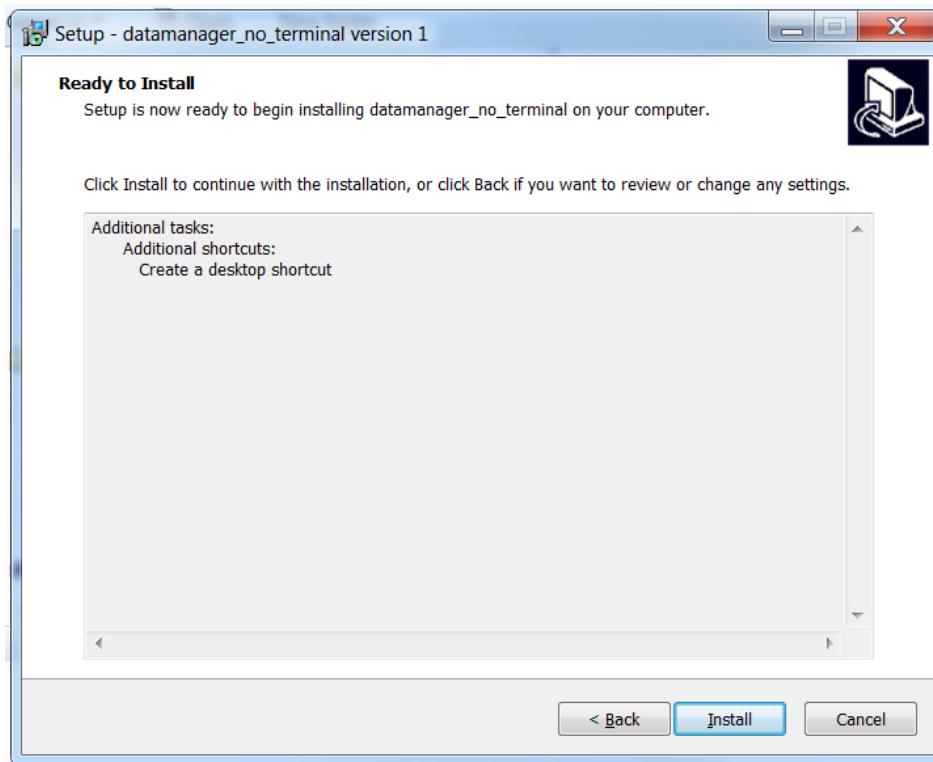
Run the file by right-clicking the mouse and selecting Run as administrator



Select the desired language and click the Next button.

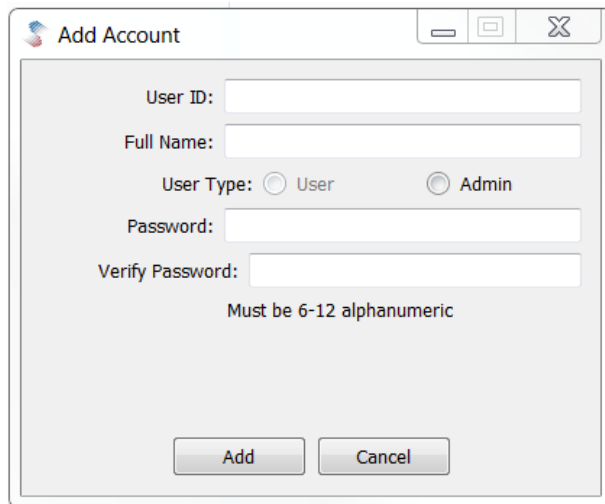


Select the Install button.



## Running the Data Manager

After running the program, a window for creating a new account appears as below. Create an Admin user ID and a password, and then click the Add button.



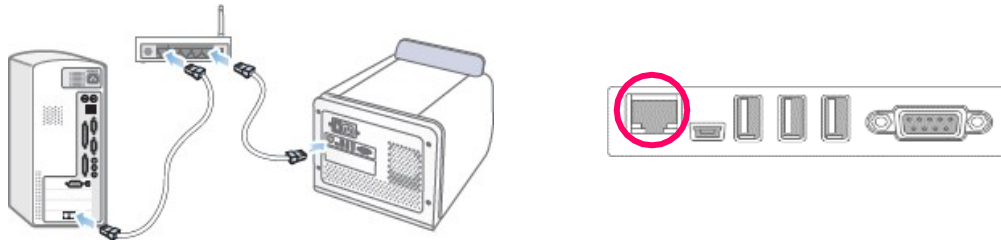
The 'Add Account' dialog box contains the following fields and controls:

- User ID:
- Full Name:
- User Type: ☐ User ☒ Admin
- Password:
- Verify Password:
- Must be 6-12 alphanumeric
- Add button
- Cancel button

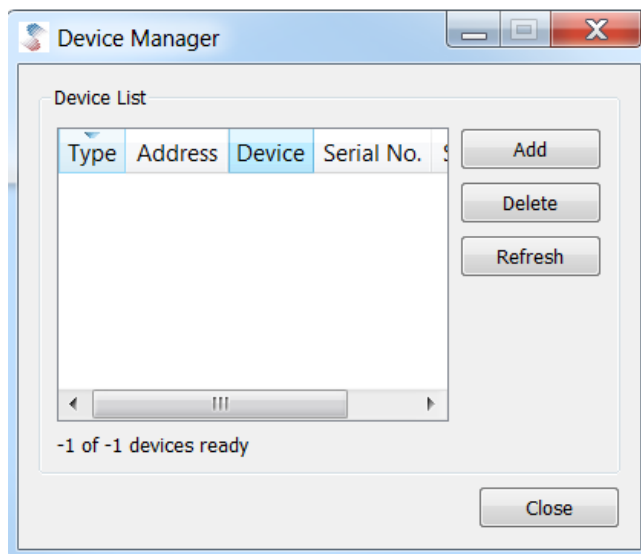
	Data Transfer	View	Delete Entry	Print	Import/Export	Edit Entry	Add/Delete Users	Add/Delete Device	View Analyte Info
Admin Mode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User Mode	Yes	Yes	Yes	Yes	X	X	X	X	X

## Connecting the Instrument

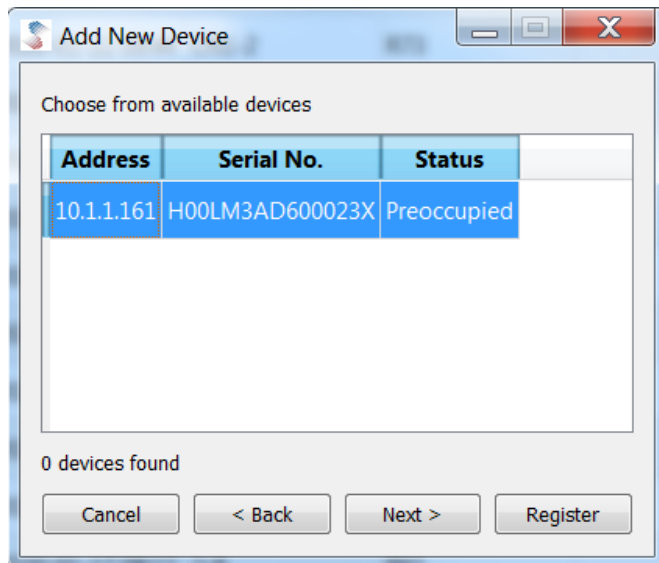
Connect the LAN port in the back of the analyzer to the router/HUB with a LAN cable.



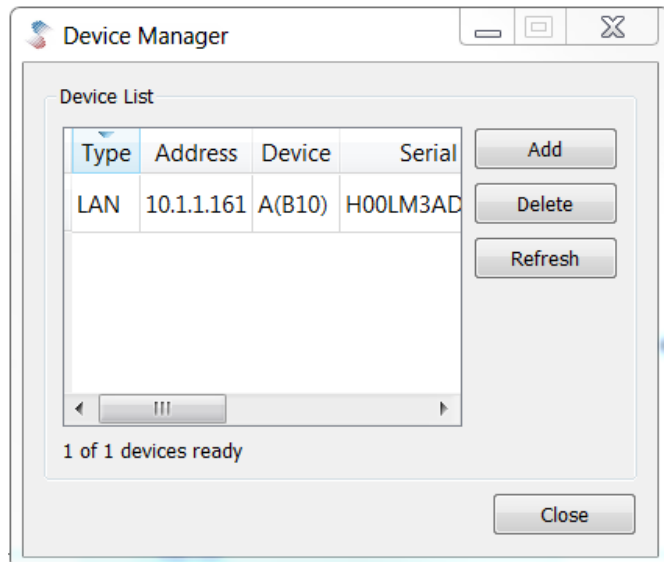
To add an IB10 instrument, select 'Tools' → 'Device Manager' → 'Add'



Highlight IB10 in the list, then select Register button

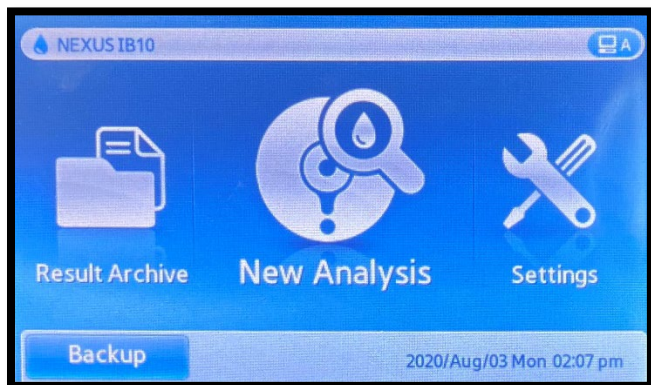


To check the registered device, select 'Tools' → 'Device Manager'

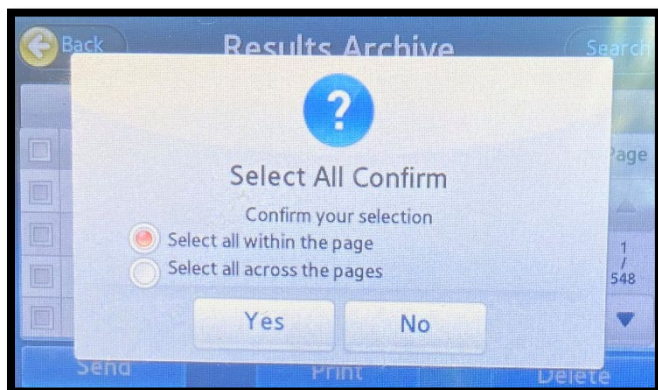
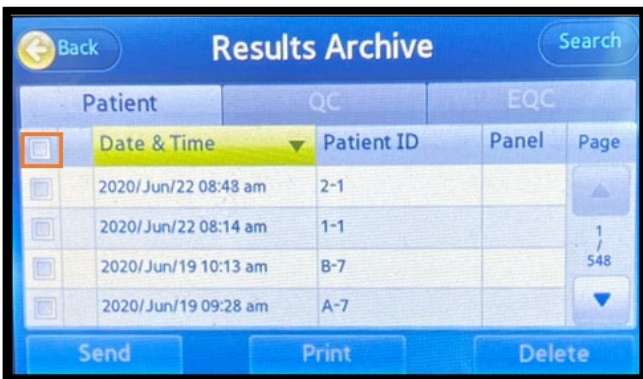


## ■ Data Transfer

From the IB10 main screen, select 'Result Archive'.



Press the check box and select either all within the page or across the page.

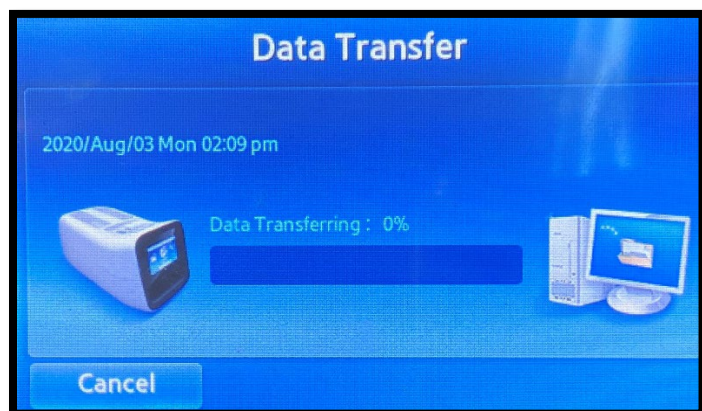
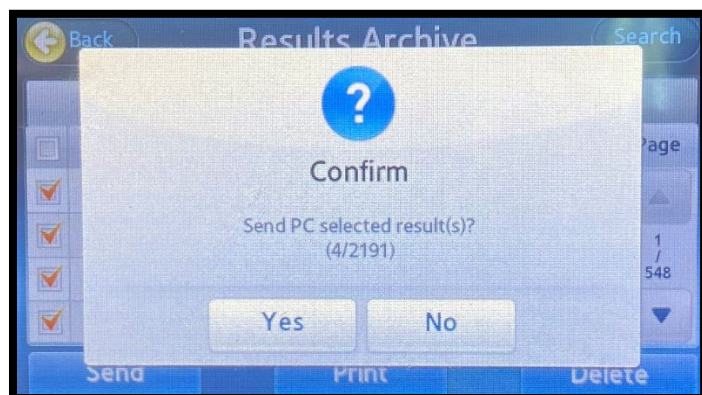


← Back **Results Archive** Search

Patient	QC	EQC
<input checked="" type="checkbox"/> Date & Time	<input checked="" type="checkbox"/> Patient ID	<input checked="" type="checkbox"/> Panel
<input checked="" type="checkbox"/> 2020/Jun/22 08:48 am	2-1	
<input checked="" type="checkbox"/> 2020/Jun/22 08:14 am	1-1	
<input checked="" type="checkbox"/> 2020/Jun/19 10:13 am	B-7	
<input checked="" type="checkbox"/> 2020/Jun/19 09:28 am	A-7	

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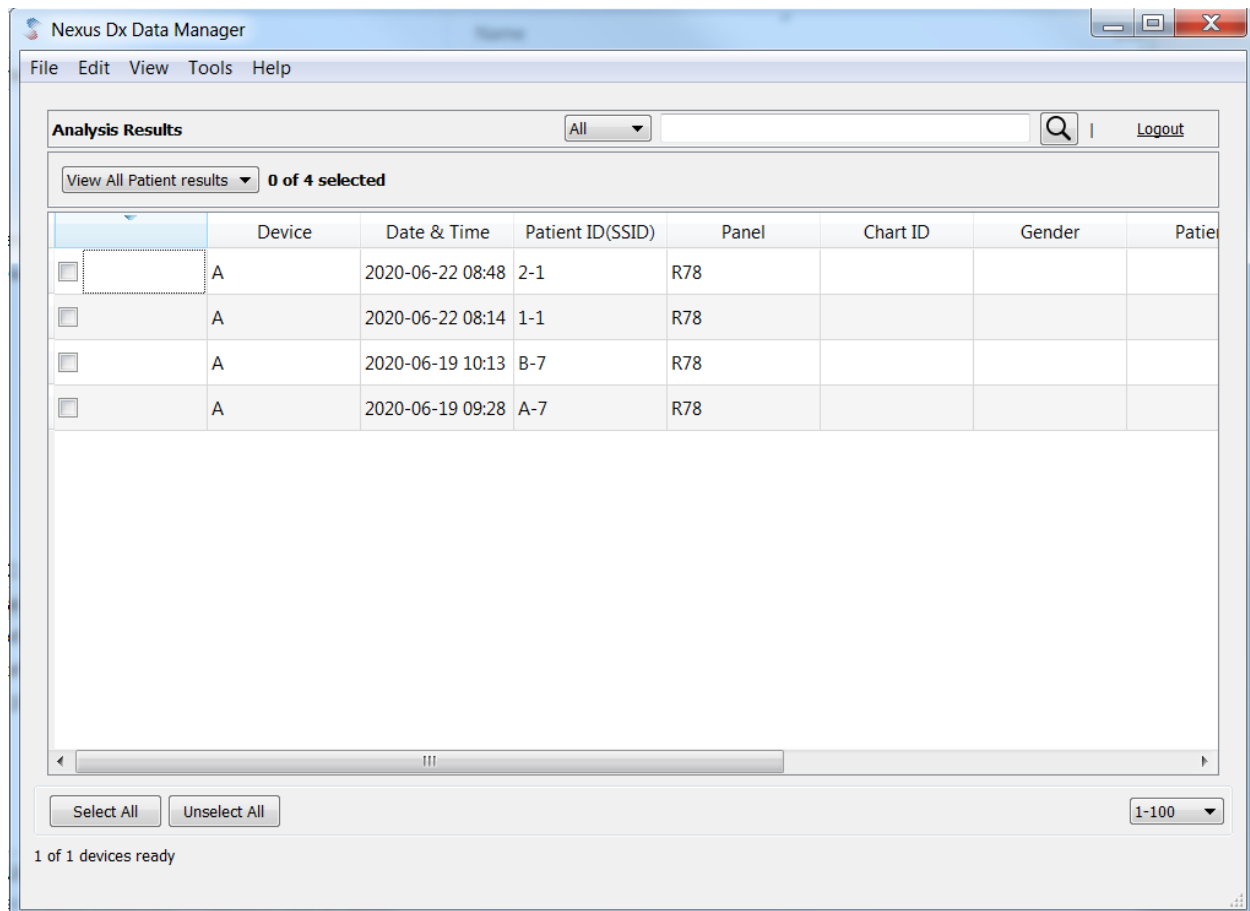
Send Print Delete







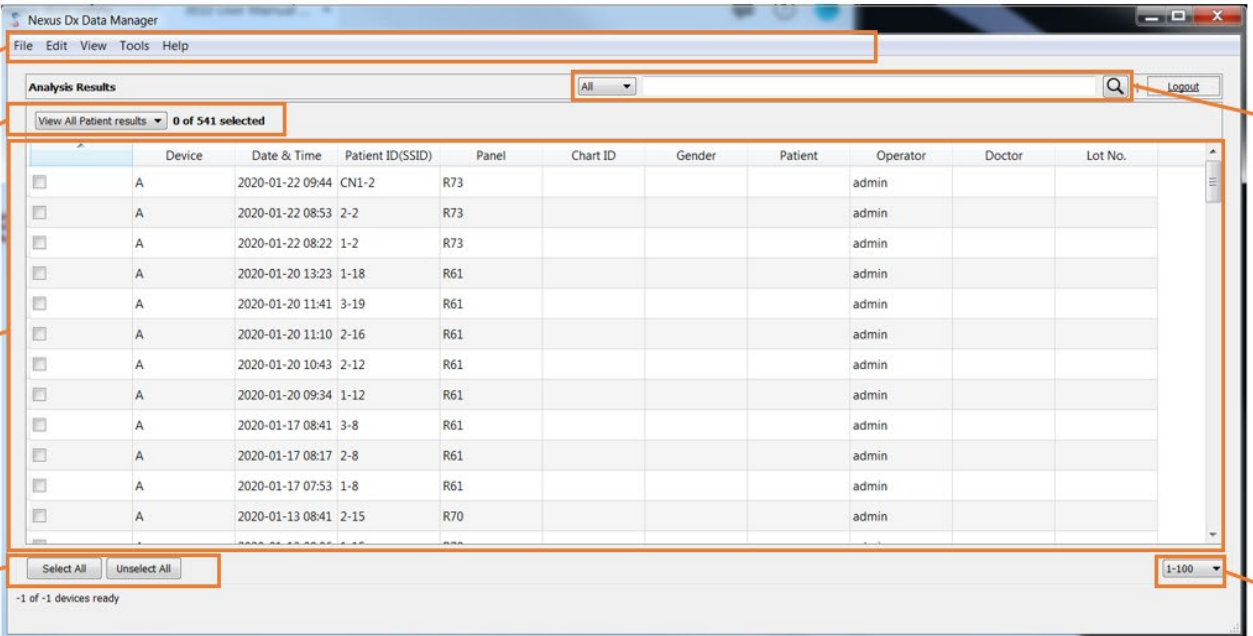
Selected records are now transferred to the Data Manager.



*Note: If 'User' account transfers the data previously transferred by 'Admin' account → it will override data and Operator changes to User.*

## Main Screen

The following is the main screen of the Nexus IB10 Data Manager.



The screenshot shows the Nexus Dx Data Manager interface. The window title is "Nexus Dx Data Manager". The menu bar includes File, Edit, View, Tools, and Help. The main area displays a table of analysis results. The table has columns: Device, Date & Time, Patient ID(SSID), Panel, Chart ID, Gender, Patient, Operator, Doctor, and Lot No. The table shows 10 rows of data. The status bar at the bottom indicates "-1 of -1 devices ready".

Annotations on the screenshot:

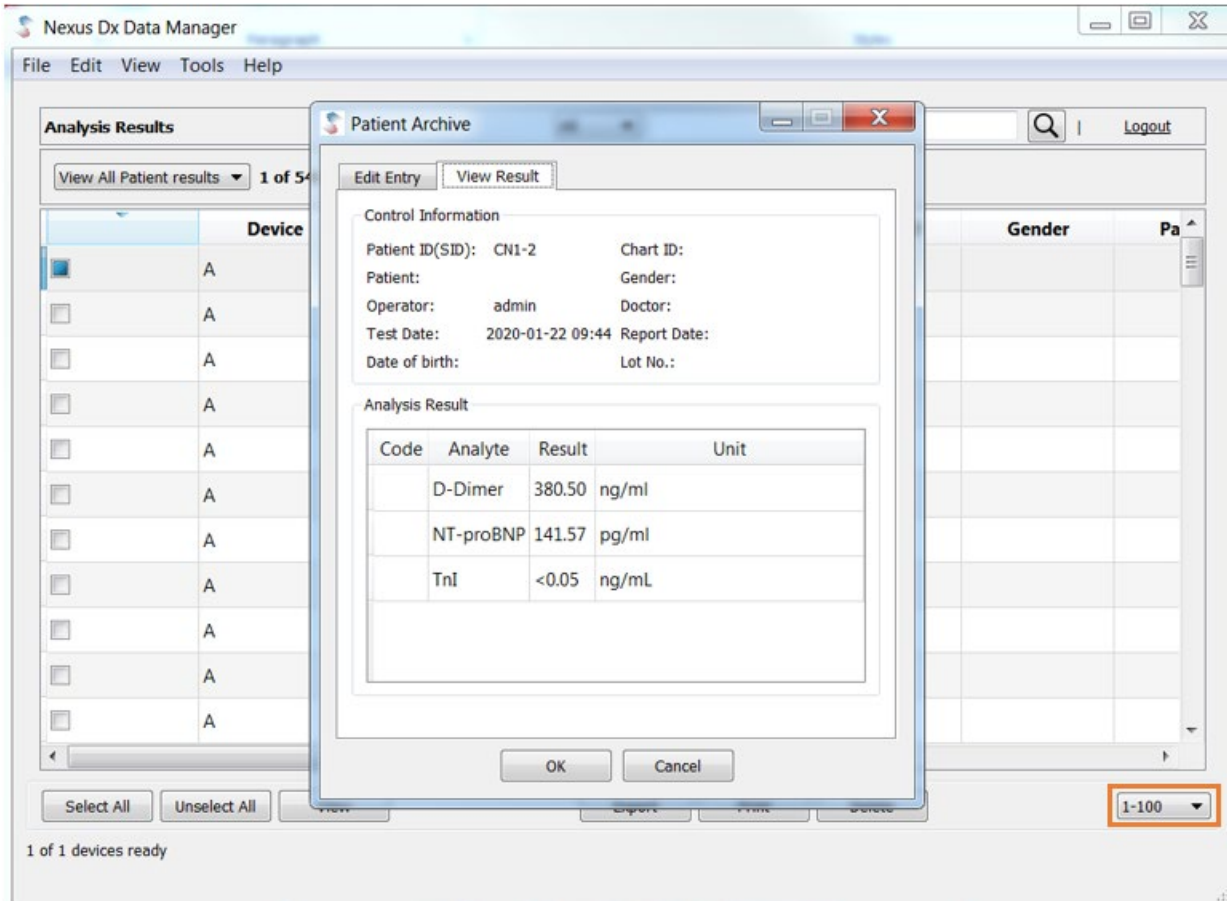
- (a) Points to the menu bar.
- (b) Points to the "View All Patient results" dropdown menu.
- (c) Points to the table of analysis results.
- (d) Points to the search bar.
- (e) Points to the "Select All" and "Unselect All" buttons.
- (f) Points to the page navigation dropdown menu.

- Drop-down menu bar
- View results – View all patient results, View control results
- Patient results archive
- Results search bar
- Shortcut buttons
- Navigate pages

## Viewing Test Results

To view the results, either double-click the desired result from the list or click the View button after selecting a single result.

Each page can display up to 100 records on the screen. You can navigate pages using the Page button.



The screenshot displays the Nexus Dx Data Manager application. A 'Patient Archive' dialog box is open, showing 'Control Information' and 'Analysis Result'.

**Control Information:**

- Patient ID(SID): CN1-2
- Chart ID:
- Patient:
- Gender:
- Operator: admin
- Doctor:
- Test Date: 2020-01-22 09:44
- Report Date:
- Date of birth:
- Lot No.:

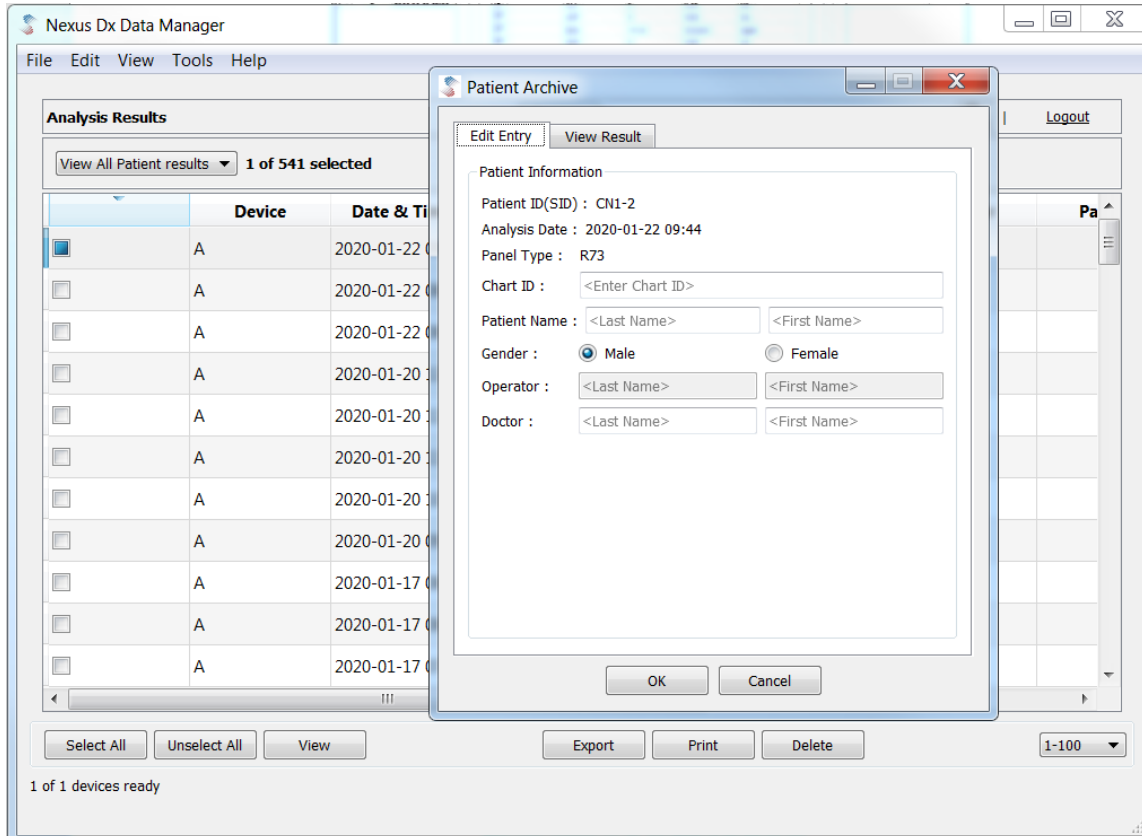
**Analysis Result:**

Code	Analyte	Result	Unit
	D-Dimer	380.50	ng/ml
	NT-proBNP	141.57	pg/ml
	TnI	<0.05	ng/mL

The background interface shows a list of devices with a 'Device' column. At the bottom right, a dropdown menu is set to '1-100'.

## Editing Test Results

To edit a single test result, select a test result and click the Edit button.



The screenshot shows the Nexus Dx Data Manager application window. The main window has a menu bar (File, Edit, View, Tools, Help) and a toolbar with buttons for Select All, Unselect All, View, Export, Print, and Delete. The main content area displays a table of test results under the heading "Analysis Results". The table has columns for "Device" and "Date & Time". The first row is selected, and the "View All Patient results" dropdown shows "1 of 541 selected".

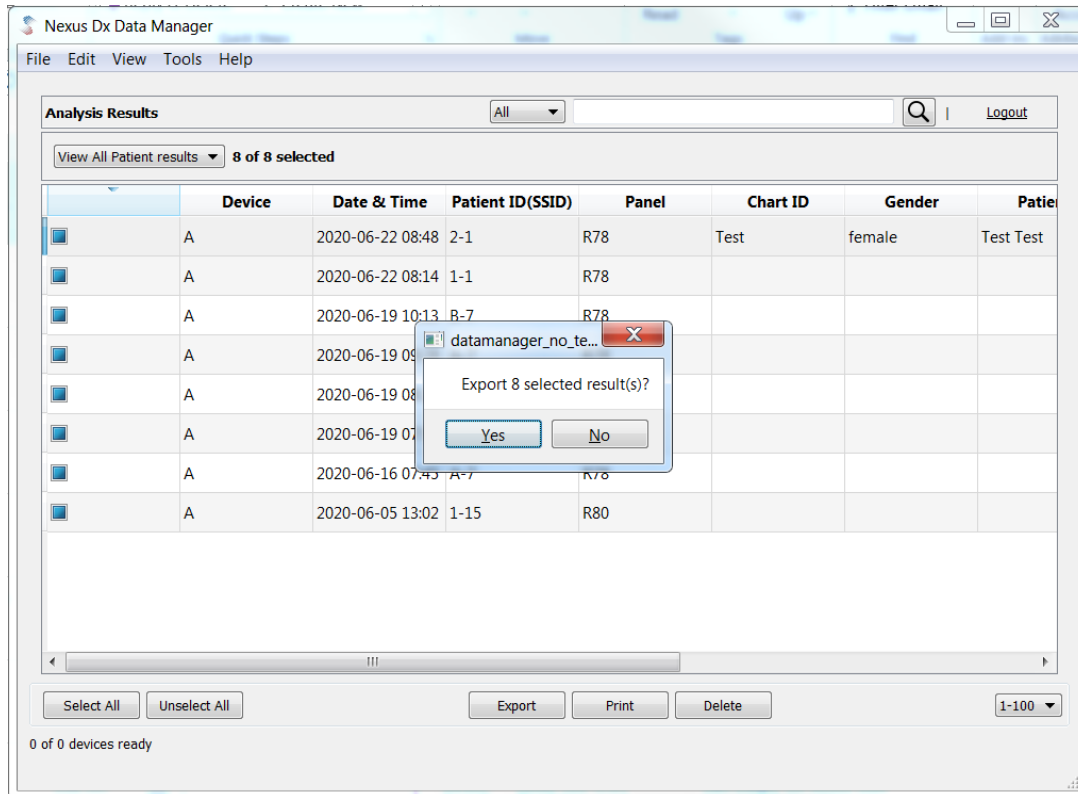
A "Patient Archive" dialog box is open, allowing editing of the selected test result. The dialog has tabs for "Edit Entry" and "View Result". The "Edit Entry" tab is active, showing the following fields:

- Patient Information
- Patient ID(SID) : CN1-2
- Analysis Date : 2020-01-22 09:44
- Panel Type : R73
- Chart ID : <Enter Chart ID>
- Patient Name : <Last Name> <First Name>
- Gender : ☒ Male ☐ Female
- Operator : <Last Name> <First Name>
- Doctor : <Last Name> <First Name>

The dialog box has "OK" and "Cancel" buttons at the bottom.

## Exporting Test Results

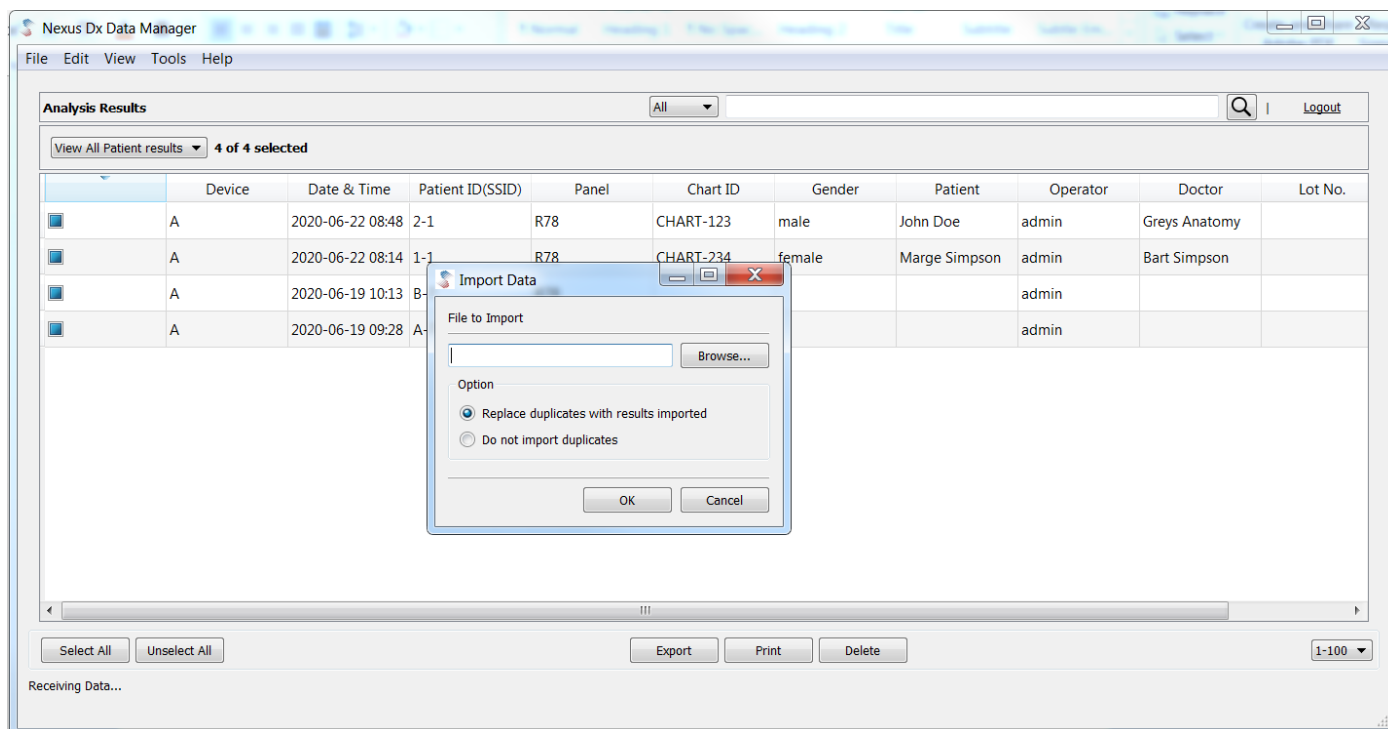
Select all patient results in Data Manager by clicking 'Select All' from the Patient Result List. Click 'File' → 'Export'. Export file(.CSV) to local PC.



## Importing Test Results

Click 'File' → 'Import'.

Browse and select a CVS file previously generated from the Data Manager.

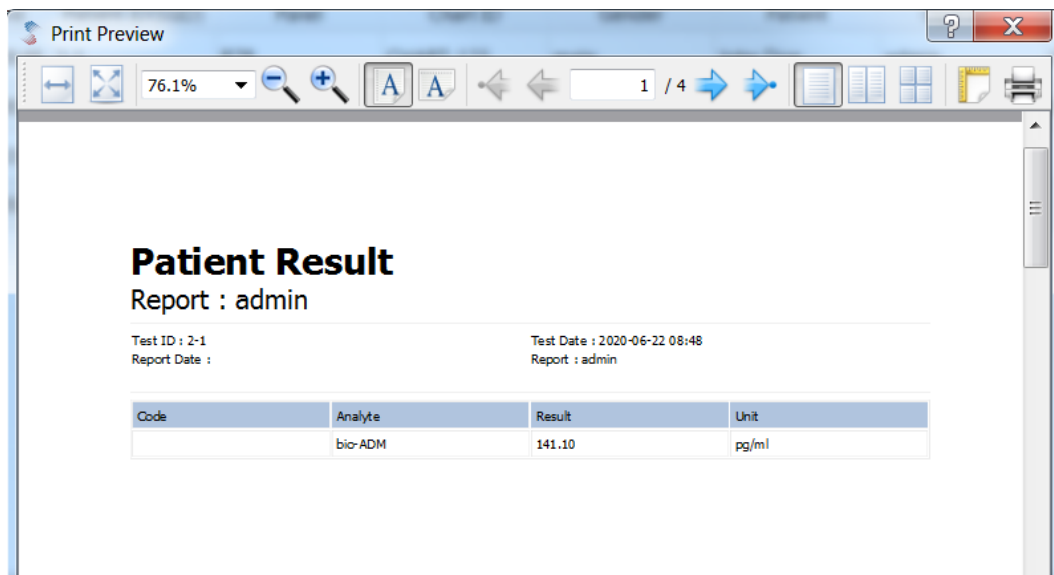
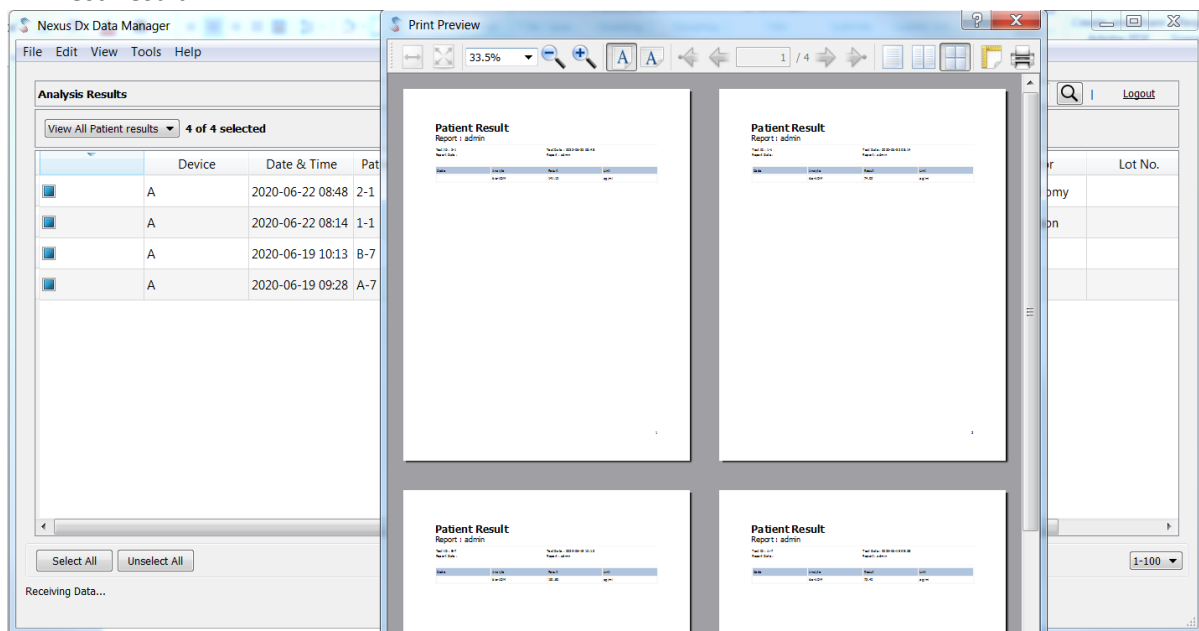


## Printing Test Results

Click 'File' → 'Print' or 'Print Preview'

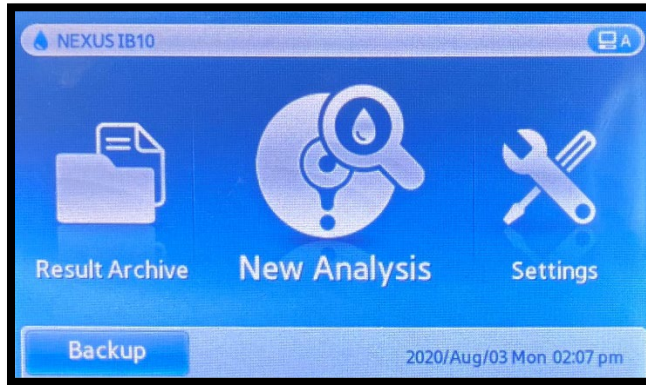
Each patient's result will be printed on a separate page with the following information.

- Patient ID (Test ID)
- Test Date
- Error Code (if applicable)
- Analyte
- Test Result



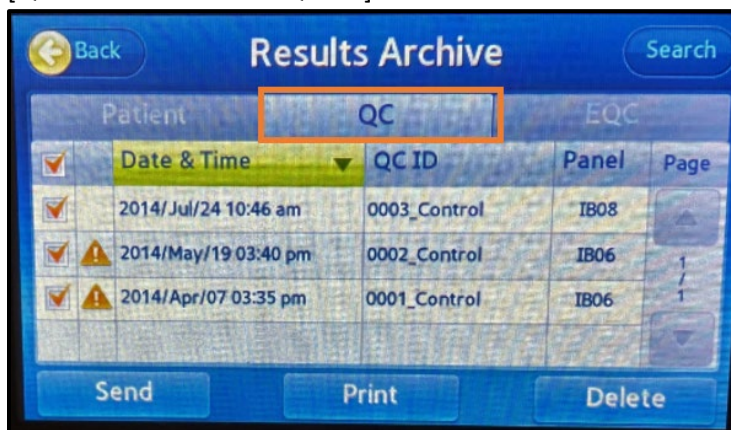
## Transferring QC and EQC Results

From the IB10 main screen, select 'Result Archive'.

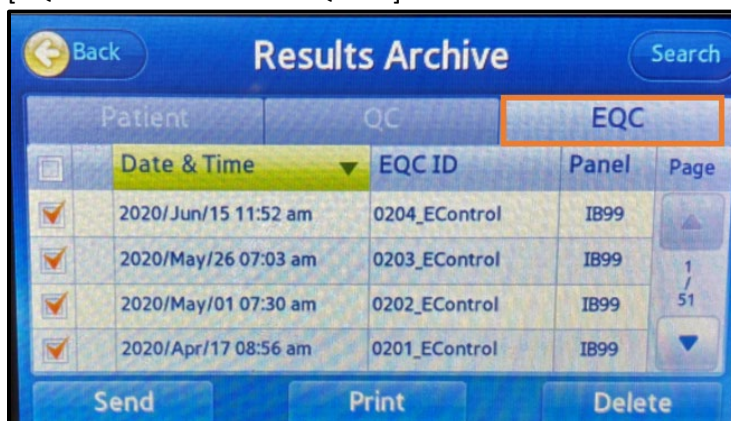


Select the control tab.

[QC Results: Select the QC tab]



[EQC Results: Select the EQC tab]

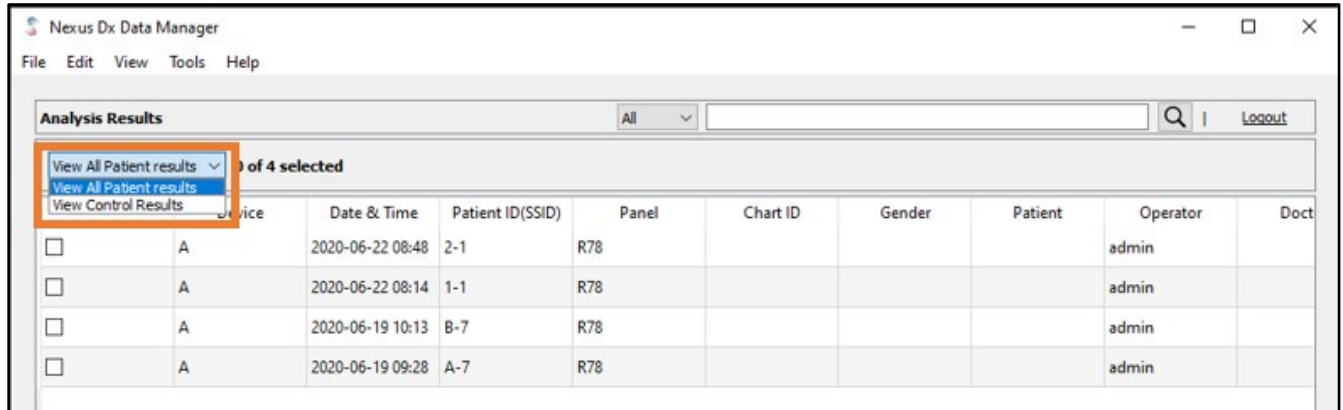


Follow the steps in page 7-9 to complete the transfer.



## Viewing Control Results

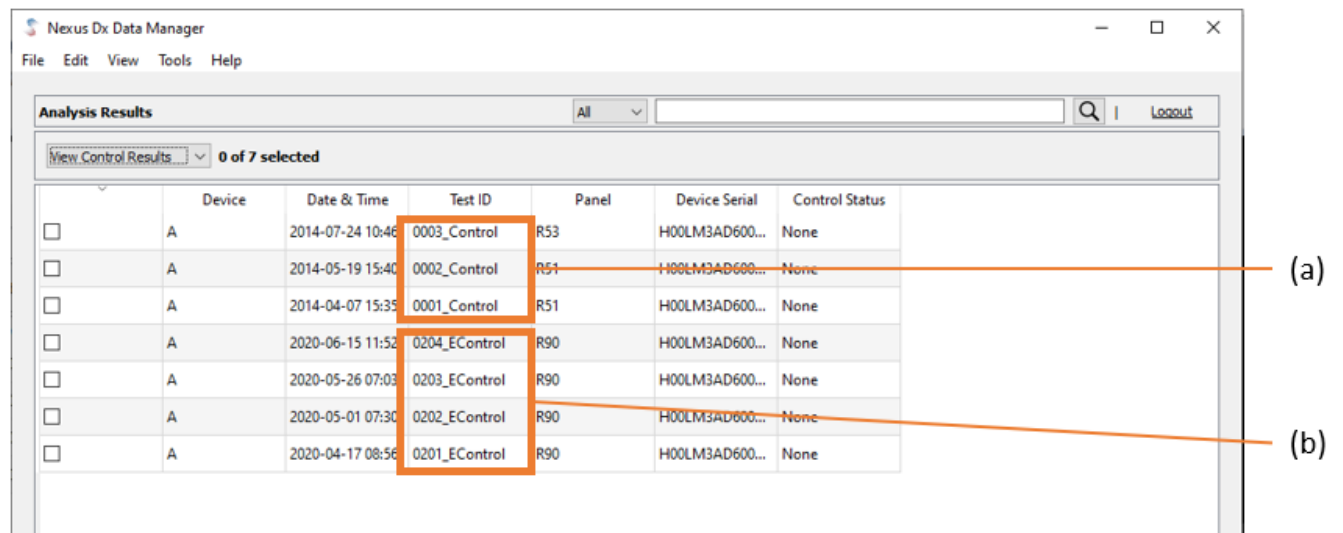
Click the drop-down box → Select 'View Control Results'



The screenshot shows the 'Nexus Dx Data Manager' application window. The 'Analysis Results' section has a dropdown menu open, showing three options: 'View All Patient results', 'View All Patient results', and 'View Control Results'. The 'View Control Results' option is highlighted. Below the dropdown, a table displays patient results with columns: Device, Date & Time, Patient ID(SSID), Panel, Chart ID, Gender, Patient, Operator, and Doctor. Four rows are visible, all with 'A' in the Device column and 'R78' in the Panel column.

Device	Date & Time	Patient ID(SSID)	Panel	Chart ID	Gender	Patient	Operator	Doctor
A	2020-06-22 08:48	2-1	R78				admin	
A	2020-06-22 08:14	1-1	R78				admin	
A	2020-06-19 10:13	B-7	R78				admin	
A	2020-06-19 09:28	A-7	R78				admin	

Type of results can be identified in the 'Test ID' column.



The screenshot shows the 'Nexus Dx Data Manager' application window with the 'View Control Results' dropdown selected. The table displays control results with columns: Device, Date & Time, Test ID, Panel, Device Serial, and Control Status. The 'Test ID' column is highlighted with an orange box. Two orange lines point to specific rows: line (a) points to the row with Test ID '0002\_Control', and line (b) points to the row with Test ID '0202\_EControl'.

Device	Date & Time	Test ID	Panel	Device Serial	Control Status
A	2014-07-24 10:46	0003_Control	R53	H00LM3AD600...	None
A	2014-05-19 15:40	0002_Control	R51	H00LM3AD600...	None
A	2014-04-07 15:35	0001_Control	R51	H00LM3AD600...	None
A	2020-06-15 11:52	0204_EControl	R90	H00LM3AD600...	None
A	2020-05-26 07:03	0203_EControl	R90	H00LM3AD600...	None
A	2020-05-01 07:30	0202_EControl	R90	H00LM3AD600...	None
A	2020-04-17 08:56	0201_EControl	R90	H00LM3AD600...	None

- a. QC Results
- b. EQC Results