(7) Data Transfer from an HFA II or HFA II-*i*

This chapter describes how to move tests from an older Humphrey Field Analyzer model (either the HFA II or an HFA II-*i*) to an HFA3 in local database mode. You cannot transfer data from an HFA3 to an earlier model. Transfer data by using the instrument's network connection, a USB device, or by connecting a serial cable to the Data Transfer ports of two HFA instruments. Serial connections can be: HW COM port, COM-USB adapter or COM-Network adapter. The HFA3 is able to combine HFA II, HFA II-*i* and HFA3 data to create reports.

Note: Patient records can only be imported one at a time.

To transfer data from an HFA II or HFA II-*i* to the FORUM server see the *Humphrey*[®] *HFA*^T *Connect Software Installation Instructions.* Data on the server can then be accessed by an HFA3 in FORUM connected mode.

Set up a Data Transfer

To set up a data transfer from an HFA II or HFA II-*i*.

1.Go to Settings 🔧 > Advanced settings > HFA Data Transfer.

2.Follow the detailed instructions on the screen to set up a serial transfer between an HFA II or HFA II-*i* and an HFA3.

3.Select Next once the two instruments are connected.



COM.

HFA II and II-i Settings Instructions:

Go to System Setup screen and select one of the following setup options depending on the HFA

1. HFA II: Save/Transmit Option > RS-232

Setup for Data Transfer

Back

Back

1. Connect the Serial cable to the originating HFA serial transfer p

Baud Rate = 9600

Parity = Even Data Bits = 7 Stop Bits = 1

Connect the other end of the serial cable to the receiving HFA3 USB port.
 The "Communication" field below will display a number when the connect

4. Confirm that the originating HFA instrument's settings are set to these va

4.In the next screen, choose ON to add a patient ID number during data transfer. This feature is required for data import.

Note: A unique 29-character Patient ID will be automatically created for the patient from the patient's name and date of birth.

5.Select ON or OFF to add name splitting during data transfer. This feature is not required for data import.

Note: HFA II and HFA II-*i* (software versions before 5.0) used one name field for patient records. To generate a report using patient data on the HFA3, you must change the patient record to include a separate first and last name. See Name Splitting on page 7-2.

6. Select Next to proceed to the next screen.

Start Data Transfer	Start Data Transfer 1. The HFA3 Data Transfer program is now ready to receive data. 2. The data transfer must be initiated from the originating HFA. 3. Select the "Transfer Instructions" button below for specific instructions for transfer from the originating HFA. 4. Go to the originating HFA to start the transfer: Data Transfer Status Tests received from origin HFA: 0 Tests successfully transferred to HFA3: 0 Tests field to transfer to HFA3: 0 Tests field to transfer to HFA3: 0 Tests field to transfer to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests field to transfer to HFA3: 0 Tests field to transfer to HFA3: 0 Tests field to transfer to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests field to transfer to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests field to transfer to HFA3: 0 Tests field to transfer to HFA3: 0 Tests successfully transferred to HFA3: 0 Tests field to transfer to HFA3: 0 Tests successfully transferred to HFA3:	HFA Data Transfer		
 The HFA3 Data Transfer program is now ready to receive data. The data transfer must be initiated from the originating HFA. Select the "Transfer Instructions" batton below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer. Data Transfer Status Test seeked from origin HFA: Tests seeked transfer to HFA3: Tests field to transfer to HFA3: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 	I. The HFA3 Data Transfer program is now ready to receive data. Dee data transfer must be initiated from the originating HFA. Select the "Transfer Instructions" batton below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer. Data Transfer Status Tests received from origin HFA: Description started: Description of the originating HFA to start the transfer. Transfer Instructions Transfer Log Close	Start Data Transfer		
The data transfer must be initiated from the originating HFA. Select the "Transfer Instructions" button below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer: Data Transfer Status Test received from origin HFA: O Tests socied to transfer to HFA3: D Tests failed to transfer to HFA3: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	The data transfer must be initiated from the originating HFA. Select the "Transfer Instructions" button below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer: Data Transfer Status Tests neceived from origin HFA: O Tests sole to transfer to HFA: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	1. The HEA3 Data Transfer program is now ready to	receive data.	
Solect the "Transfer Instructions" button below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer: Data Transfer Status Tests received from origin HFA: O Tests successfully transferred to HFA3: O Tests failed to transfer to HFA3: D Test failed to transfer to HFA3: D Tests failed to transfer to HFA3: D Tests successfully transferred to HFA3: D Tests successfully transferred to HFA3: D Tests failed to transfer to HFA3: D Tests failed to transfer to HFA3: D Tests successfully transferred: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Close	Solect the "Transfer Instructions" button below for specific instructions for transfer from the originating HFA. Go to the originating HFA to start the transfer: Data Transfer Status Tests received from origin HFA: O Tests successfully transferred to HFA3: O Tests field to transfer to HFA3: O Tests sole application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	2. The data transfer must be initiated from the origin	nating HFA.	
4. Go to the originating HFA to start the transfer: Data Transfer Status Texts received from origin HFA: 0 Texts received from origin HFA: 0 Texts soccessfully transferred to HFA3: 0 Texts failed to transfer to HFA3: 0 Texts failed to transfer to HFA3: 0 Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Close Transfer Instructions Transfer Log Close	Go to the originating HFA to start the transfer: Data Transfer Status Tests received from origin HFA: Tests soccessfully transferred to HFA3: Tests soccessfully transferred to HFA3: Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Transfer Instructions Transfer Log Close	3. Select the "Transfer Instructions" button below for	r specific instructions for transfer from the originating	J HFA.
Data Transfer Status Texts received from origin HFA: 0 Texts received from origin HFA: 0 Texts soccessfully transferred to HFA3: 0 Texts failed to transfer to HFA3: 0 Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Data Transfer Status Tests received from origin HFA: 0 Tests soccessfully transferred to HFA3: 0 Tests failed to transfer to the HFA3: 0 Tests failed to the HFA3: 0 Tests failed to the HFA3: 0 Tests failed to the HFA3: 0 T	4. Go to the originating HFA to start the transfer.		
Tests received from origin HFA: 0 Tests successfully transferred to HFA3: 0 Tests failed to transfer to HFA3: 0 Transferring Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Tests réceived from origin HTA: 0 Tests réceived from origin HTA: 0 Tests failed to transfer to HTA3: 0 Tests failed to transfer to HTA3: 0 Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Data Transfer Status		
Tests successfully transferred to HFA3: 0 Tests failed to transfer to HFA3: 0 Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Tests soccessfully transferred to HFA3: 0 Transferring Tests failed to transfer to HFA3: 0 Transferring Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Tests received from origin HFA:	0	
Tests failed to transfer to HFA3: 0 Transfer Log Close Transfer Log Close Clos	Tests failed to transfer to HFA3: 0 Transfer application started: Days : 00 Hours : 00 Minutes : 00 Time since last file recrives: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Tests successfully transferred to HFA3:	0	
Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Time since application started: Days : 00 Hours : 00 Minutes : 00 Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Tests failed to transfer to HFA3:	0.	transterring
Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Time since last file received: Days : 00 Hours : 00 Minutes : 00 Transfer Instructions Transfer Log Close	Time since application started:	Days: 00 Hours: 00 Minutes: 00	
Transfer Instructions Transfer Log Close	Transfer Instructions Transfer Log Close	THE REAL PROPERTY OF A DESCRIPTION	corps - no r mars - tor minutes - tor	
ID/YAUUI.IOS/MAINE		Transfer	Instructions Transfer Log	Close
		Transfer	Instructions Transfer Log	Close
HFA Data Transfer Instructions	HEA Data Transfer Instructions	Transfer	Instructions Transfer Log	Close
HFA Data Transfer Instructions	HFA Data Transfer Instructions	Transfer UA Door for cliffer HFA Data Transfer Instru	Instructions Transfer Log	Close
HFA Data Transfer Instructions	HFA Data Transfer Instructions	Transfer	Instructions Transfer Log	Close

1. On the HFA 8-L press the FILE FUNCTIONS icon on the right of the screen

Select TRANSFER TESTS.
 Select HARD DRIVE or FLOPPY as the So

4. Choose CLASSIC SERIAL as the Dest

 Choose HFA II SERUAL for Export Format. Press PROCEED.
 Choose the tests you wish to transfer then press PROCEED to start transfe pop-up window on the HFA II-1 will show the progress and success of the test to: 7.Follow the detailed instructions on the screen.

8.Select **Transfer Instructions** for specific instructions on initiating manual data transfer from an HFA II or HFA II-*i*.

9. Select Transfer Log to view a summary of the data transfer.

10.Select Close to close the screen.

11.Follow the detailed instructions on the HFA DATA TRANSFER INSTRUCTIONS screen.

12.Select **Close** to return to the previous screen to monitor the transfer process on the HFA3.

To consolidate patient data see Merge Patient Records on page 4-3.



Note: Reports generated on the HFA3 after importing kinetic data from an HFA II or HFA II-*i* may be different from reports generated on the HFA II or HFA II-*i* using the same data. These differences are due to retested points not being displayed on the HFA3.

Name Splitting

Close

When patient records created in HFA II or HFA II-*i* (software versions before 5.0) are transferred to the HFA3, the entire patient name will appear in the Last Name field when the Name Splitting feature is off. To automatically split the name, turn on the Name Splitting feature during data transfer.

The preprogrammed rules for name splitting are:

- 1. Read from the end of the name to the first delimiter (comma, space, or caret character) and assign those characters to the Last Name field on the HFA3.
- 2. Continue reading from right to left and assign all remaining characters to the First Name field.
- 3. If no delimiter is found, all characters will be assigned to the Last Name field.
- 4. No information is added or removed in the process of Name Splitting.
- 5. In HFA software version 5.0 or higher, names will be split according to DICOM conventions.