This Operator's Manual references
LifePort Kidney Transporter Data Station
Software Application:
LKTDATA

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Purpose of Manual

This manual provides the essential information necessary for installation and use of LifePort Kidney Transporter Data Station. The instructions within this manual should be carefully followed for effective product use.

Specifications

System Requirements

Operating System
The required operating system is Windows 10.

Obtaining Software
LifePort Kidney Transporter Data Station software can be obtained by contacting your Organ Recovery Systems sales representative. The representative will send the software electronically via email.

Installation
Initiate the installation process by visiting the OneDrive link sent via email from the Organ Recovery Systems representative. Double click on the Setup.Exe application to begin.

The ORS Data Station Setup Wizard will guide the user through the installation process. The user must accept the terms of the pending License Agreement to continue.

The user should follow the prompts given by the ORS Data Station Setup Wizard. As part of the installation process, the Device Driver Installation Wizard will launch. Follow any given prompts during this process. Once installation is complete, the user should close the installation wizard. If any errors occur during the installation process, contact Organ Recovery Systems for further support.

A shortcut to the application will be placed on the desktop upon successful installation.
Product Use

Data Station Configuration

Data Station Configuration can be accessed by navigating to the File Menu Bar - Configure - Data Station, or by clicking on the third icon on the quick access toolbar.

This will open the Data Station Configuration window.

**General Tab**

The General tab allows the user to change the language displayed by Data Station as well as the location where the case file data may be stored.

To change the language, make a selection through the drop-down menu. The language options are English, French, Portuguese, and Spanish.
To change the location of the file system, select **Browse**. This will open the Browse for Folder window. Find the location either on the local computer or the network where files will be stored then click **OK**.

**Case Report Tab**

The Case Report tab allows the user to customize case reports to display with company logos as well as header and footer text.
Email Tab

The Email tab should be configured by the user organization’s IT department. If the user would like to receive perfusion alerts, they may add their email address in this section. When one or more LifePort Kidney Transporter are physically connected (via serial or USB cable) and actively perfusing, any alerts reported by LifePort Kidney Transporter will be displayed on the device and alert(s) will be sent via email to the preselected email address(es) in the Organ ID window. Additional information regarding these fields can be found by hovering over or clicking the information icon.

Facility Tab

The Facility tab allows the user to enter organization information. The facility section can be used to record the organization’s main address. If the organization has multiple locations, the location section can be used to record that perfusion lab’s address.
Data Explorer

The Data Explorer can be accessed by navigating to the File Menu Bar - File - Open File, or by clicking on the first icon on the quick access toolbar.

This will open the Data Explorer window.

Data Explorer displays all files downloaded to Data Station on the computer in use. In order to sort the data, click on the desired column title - “Device, File #, Start Time, Data State, or Organ ID” - and the files will organize accordingly.

Click on any file to make the items on the bottom taskbar available.
Case File Details
Select a file and click on Details to access and edit the case file data.

Organ ID Tab
For LifePort Kidney Transporter model LKT100P, the user can enter Organ ID, Kidney Side, Blood Type, Cross Clamp Date/Time, and Timezone at any time, including while the device is actively streaming data.

For LKT101P, the user must enter this same information on the device using the 5-way keypad prior to entering Infuse Mode. For both models, Perfusate, Cassette, Cannula, and Notes can be entered at any time. Email addresses to send alerts can be selected using the drop-down menu. See Email Tab for details.

NOTE: The Cross Clamp Date must be selected prior to entering in the Cross Clamp Time.

NOTE: Once a note has been added to a case file it cannot be modified.
**Pressure Tab**

Click on the Pressure tab to open a graph displaying the systolic and diastolic pressure recorded throughout the case. Pressure is measured in millimeters of mercury (mmHg). The systolic pressure is set by the user on LifePort Kidney Transporter. Under normal conditions, LifePort Kidney Transporter will maintain that set pressure. During a typical perfusion case, the user should expect to see a slight decrease in diastolic pressure.

![Pressure Graph](image)

**Flow Tab**

The Flow tab displays a graphic representation of flow during perfusion. Flow is measured by milliliters per minute. During a typical perfusion case, the user should expect to see the flow increasing over time.

![Flow Graph](image)
**Resistance Tab**

Click on the Resistance tab to open a graph displaying kidney resistance throughout the case. Resistance is displayed as mmHg/mL/min. During a typical perfusion case, the user should expect to see the resistance decrease over time.

![Resistance Graph](image)

**Temperature Tab**

The Temperature tab displays a graphic representation of two temperatures: the temperature as read by the sensor in the Ice Container and the temperature as read by the sensor at the Bubble Trap.

![Temperature Graph](image)
**Events Tab**

Click on the Events tab to display Active or Historical alerts or State recordings that occurred throughout the case.

Selecting “Active” displays any active alerts being reported from LifePort Kidney Transporter. “Historical” displays all alerts reported by the device throughout the case. “State” displays the perfusion modes that were selected and active throughout the case as well as providing information on whether LifePort Kidney Transporter Cover was on or off.
Details Tab
Click on the Details tab to display device data.

Case Reports
Select Case Report at the bottom of the window. This opens the Report Configuration Dialog. A Case Report organizes all data found in the previously discussed Case Detail tabs into a document that may be printed or saved as a PDF. Include both Event and State options as well as select Raw Data to be displayed every 15 minutes in order generate a comprehensive Case Report. After making those selections in the Report Configuration Dialog, click Continue.
This opens the Print Preview window. Use the Previous and Next buttons to browse through the pages of the generated Case Report. Select Print to print a hard copy of the document to a local or networked printer or select the “Microsoft Print to PDF” option to create a digital copy of the Case Report. In the Print Preview window, select Close when finished.

![Print Preview window](image)

Select Close in the Case Details window and Close in the Data Explorer window to return to the main screen.

**Splicing Files**

On occasion, a kidney may have more than one case file generated. This occurs when a kidney is moved from one LifePort Kidney Transporter to another or when LifePort Kidney Transporter is powered off then back on during a case. In order to combine multiple case files into one, the files must be “spliced.”

**NOTE:** The files must have the same Organ ID and Kidney side to be spliced together.

From the Data Station main screen, Open Data Explorer. Select the first file to be spliced and click Splice on the bottom taskbar.
The Data Splice Selection window opens and displays all files with the same Organ ID and kidney side.

Hold down the Ctrl button on your keyboard and select each of the files corresponding to the same case. Then click Splice. A confirmation window will appear saying “Data spliced.” Click OK.

The Data Explorer will now show the file as “Spliced” in the Data State column. When a user views “Details”, the case file data will be combined.
File Archives

File archives can be accessed by navigating to the File Menu Bar - File - Open Archive, or by clicking on the second icon on the quick access toolbar.

This will open the Open Archive window. The user can select the location where case file archives have been stored in order to view that archived data. The default location to store files is the local computer hard drive. This can be changed as needed.

LifePort Configuration

LifePort Configuration can be accessed by navigating to the File Menu Bar - Configure - LifePort, or by clicking on the fourth icon on the quick access toolbar.

This will open the LifePort Configuration window.
LifePort Date/Time Tab
The LifePort Date/Time tab allows the user to update LifePort Kidney Transporter date and time on any devices connected to the Data Station computer.

NOTE: It is highly recommended to update the time on a regular basis to minimize time shift which may occur if devices lose power.

To adjust the date and time, connect all LifePort Kidney Transporter devices to the Data Station computer. Select the boxes next to each device and click Update Selected Devices. This will align each device’s date and time to the date and time on the connected computer. For LKT101P, it is advisable to use the 5-way keypad to navigate to the Device Information screen to ensure the correct time zone is being utilized.

LifePort ID Tab
The LifePort ID tab allows the user to change the displayed name of a LKT100P.
To update a Device ID, select the bubble to the left of the LKT100P serial number that needs to be updated. Next, enter the desired name of the device in the text box to the right. Click Update Selected Devices to save changes.
For LKT101P devices, use the 5-way keypad to enter/update the displayed name. Refer to 755-00002, LifePort Kidney Transporter 1.1 Operator’s Manual for detailed instructions.
Importing Files from USB

In instances where it is not possible to connect an LKT101P to the Data Station computer via USB cable, the data may be downloaded onto a USB device using the 5-way keypad. That data can later be transferred from the USB device to the Data Station software. Refer to 755-00002, LifePort Kidney Transporter 1.1 Operator's Manual for detailed instructions. To import files from USB, navigate to the File Menu Bar - File - Import from USB.

Help

If you experience any difficulties installing or operating LifePort Kidney Transporter Data Station, please contact our corporate office or your clinical sales representative. If it is urgent, please call the 24/7 Perfusion Helpline for immediate assistance.
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