

*resvent*



iMatrix PC Software



iMatrix

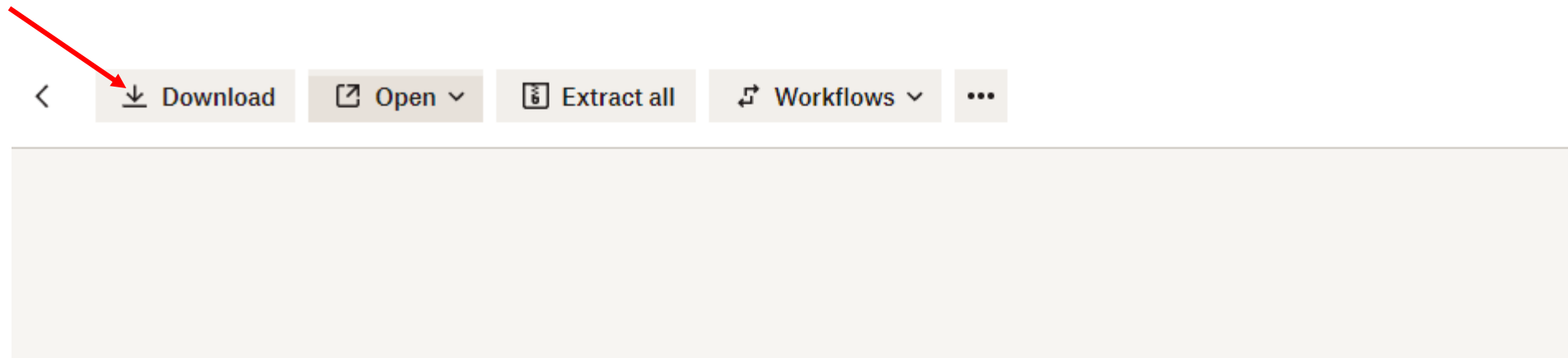
PC Software Download

[https://compasshealthbrands.sharepoint.com/:f:/s/LogoUpload/Em6ayxBMe6hJhuCNFDfkcuQBphr\\_RY4KwhbaXznlvhI8g?e=3SA9bJ](https://compasshealthbrands.sharepoint.com/:f:/s/LogoUpload/Em6ayxBMe6hJhuCNFDfkcuQBphr_RY4KwhbaXznlvhI8g?e=3SA9bJ)

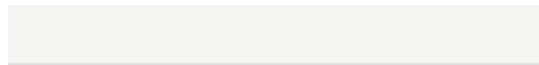
# iMatrix PC Software Download



Name	Size
 iMatrix V3.7.20 setup.7z	19.26 MB
 iMatrix V3.7.20 setup.exe	20.09 MB
 iMatrix platform.MP4	5.15 MB



# iMatrix PC Software Download



iMatrix platform (4).zip

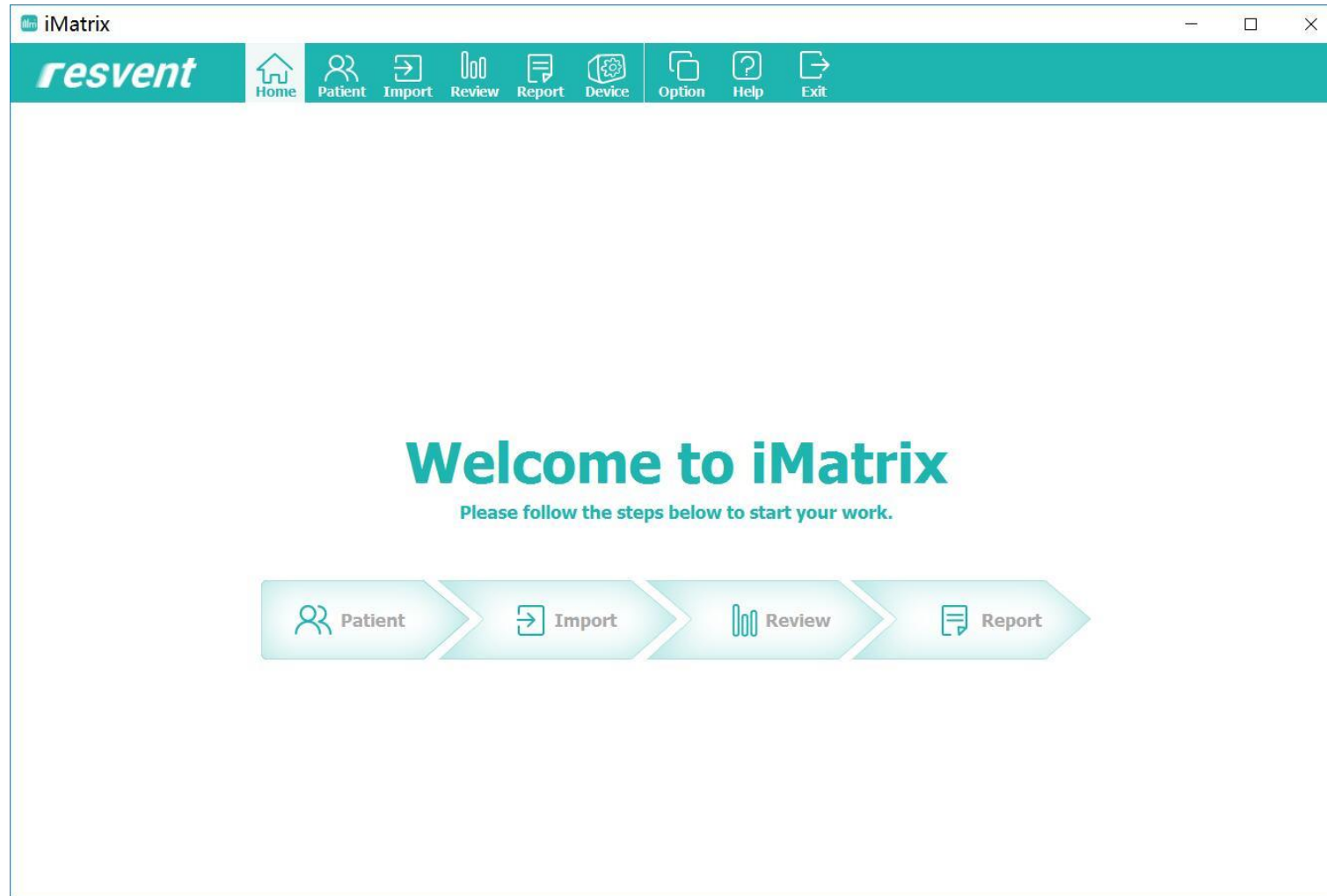
27.7/43.7 MB, 3 secs left



Name	Type	Compressed size	Password ...	Size	Ratio
iMatrix platform.MP4	MP4 Video	5,111 KB	No	5,274 KB	4%
iMatrix V3.7.20 setup.7z	7Z File	19,732 KB	No	19,726 KB	0%
iMatrix V3.7.20 setup.exe	Application	19,875 KB	No	20,571 KB	4%

# iMatrix PC Software Installation

Double-click the iMatrix icon and enter the software



# iMatrix PC Software Data Load

Double-click the iMatrix icon and enter the software

The screenshot shows the iMatrix software interface. The top navigation bar includes icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The main area is titled 'Import Data' and contains a 'Please Select Import Data Source:' section. A data card is detected, and a dialog box prompts the user to select an import option. The dialog box includes a dropdown menu for 'Import History' with the value 'a a(Male, 49 years)' and four buttons: 'Previous Patient', 'New Patient', 'Without Patient', and 'Open Patient'. A blue arrow points from the 'New Patient' button to a text box on the right that says '1. Select data load type'.

1. Select data load type

Upload patient data by double-clicking on the patient's name

Double-click Patient to select a patient to view

**resvent** Home Patient Import Review Report Device Option Help Exit

**Patient** search

Default (5)  
1 1  
1 2  
1 3  
1 9  
Yang Wang

**Patient Profile**

**General Information**

Patient Name: **1 9**  
Patient ID: **20190702123519**  
Patient Group: **Default**  
Device SN: **GB-2B017963**  
Primary Phone:  
E-mail:

Gender: **Male**  
Age: **49 years**  
Date of Birth: **1970/07/02**  
Title: **Mr**

Height:  
Weight:  
BMI:  
Therapy Device: **iBreeze 20C**

**Compliance**

Therapy Date: **2019/03/13-2019/04/10 (29 days)**  
Therapy Mode: **CPAP** Avg. Usage: **7.0 hrs**  
Days Used: **29 days** Max. Used(1 Day): **8.2 hrs**  
Total Usage: **201.8 hrs** Min. Used(1 Day): **4.7 hrs**

Usage

- Days Used >=4hrs(100.0%)
- Days Used <4hrs(0.0%)
- Days Not Used(0.0%)

**History**

Date	Type	Description
2019/07/02 12:35:30	Import	Therapy Period:2019/03/13-2019/04/10; Device:iBreeze 20C (GB-2B017963)

# iMatrix PC Software Data Load

The software will automatically load the information for the selected patient

The screenshot displays the iMatrix software interface. At the top, there is a navigation bar with icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. Below this, a sidebar on the left shows a list of patients under the 'Default (5)' group, with 'Yang Wang' selected. The main area is titled 'Patient Profile' and contains several sections: 'General Information' with fields for Patient Name (19), Patient ID (20190702123519), Gender (Male), Age (49 years), Date of Birth (1970/07/02), Title (Mr), Height, Weight, BMI, and Therapy Device (iBreeze 20C); 'Compliance' with fields for Therapy Date (2019/03/13-2019/04/10 (29 days)), Therapy Mode (CPAP), Days Used (29 days), Total Usage (201.8 hrs), Avg. Usage (7.0 h), Max. Used(1 Day) (8.2 h), and Min. Used(1 Day) (4.7 h); and 'History' with a table showing an import record from 2019/07/02 12:35:30. A 'Load Info - iMatrix' dialog box is overlaid on the compliance section, displaying a progress bar at 35% and the text 'Please waiting for loading .....'. The dialog also shows a legend for usage categories: 'Used >=4hrs(100.0%)', 'Used <4hrs(0.0%)', and 'Not Used(0.0%)'.

**General Information**

Patient Name: **19**  
Patient ID: **20190702123519**  
Patient Group: **Default**  
Device SN: **GB-2B017963**  
Primary Phone:  
E-mail:

Gender: **Male**  
Age: **49 years**  
Date of Birth: **1970/07/02**  
Title: **Mr**

Height:  
Weight:  
BMI:  
Therapy Device: **iBreeze 20C**

**Compliance**

Therapy Date: **2019/03/13-2019/04/10 (29 days)**  
Therapy Mode: **CPAP**  
Days Used: **29 days**  
Total Usage: **201.8 hrs**

Avg. Usage: **7.0 h**  
Max. Used(1 Day): **8.2 h**  
Min. Used(1 Day): **4.7 h**

**Load Info - iMatrix**  
Please waiting for loading .....  
35%

**History**

Date	Type	Description
2019/07/02 12:35:30	Import	Therapy Period:2019/03/13-2019/04/10; Device:iBreeze 20C (GB-2B017963)



# iMatrix PC Software – Patient Data Review

General information will be distributed in the statistical interface

**iMatrix**

**resvent** Home Patient Import Review Report Device Option Help Exit

Start Date: 2019/3/13 End Date: 2019/4/10 Date Last: Custom

**Review**

Review Range: 2019/03/13--2019/04/10

Statistics Summary Detail Distribution

**Compliance**

Days Selected: **29 days** Days Used: **29 days** Avg. Usage Used: **7.0 hrs**  
 Days Not Used: **0 day** Days Used >=4hrs: **29 days** Days Used <4hrs: **0 day**  
 Max. Used(1 Day): **8.2 hrs** Min. Used(1 Day): **4.7 hrs**

**Therapy Quality**

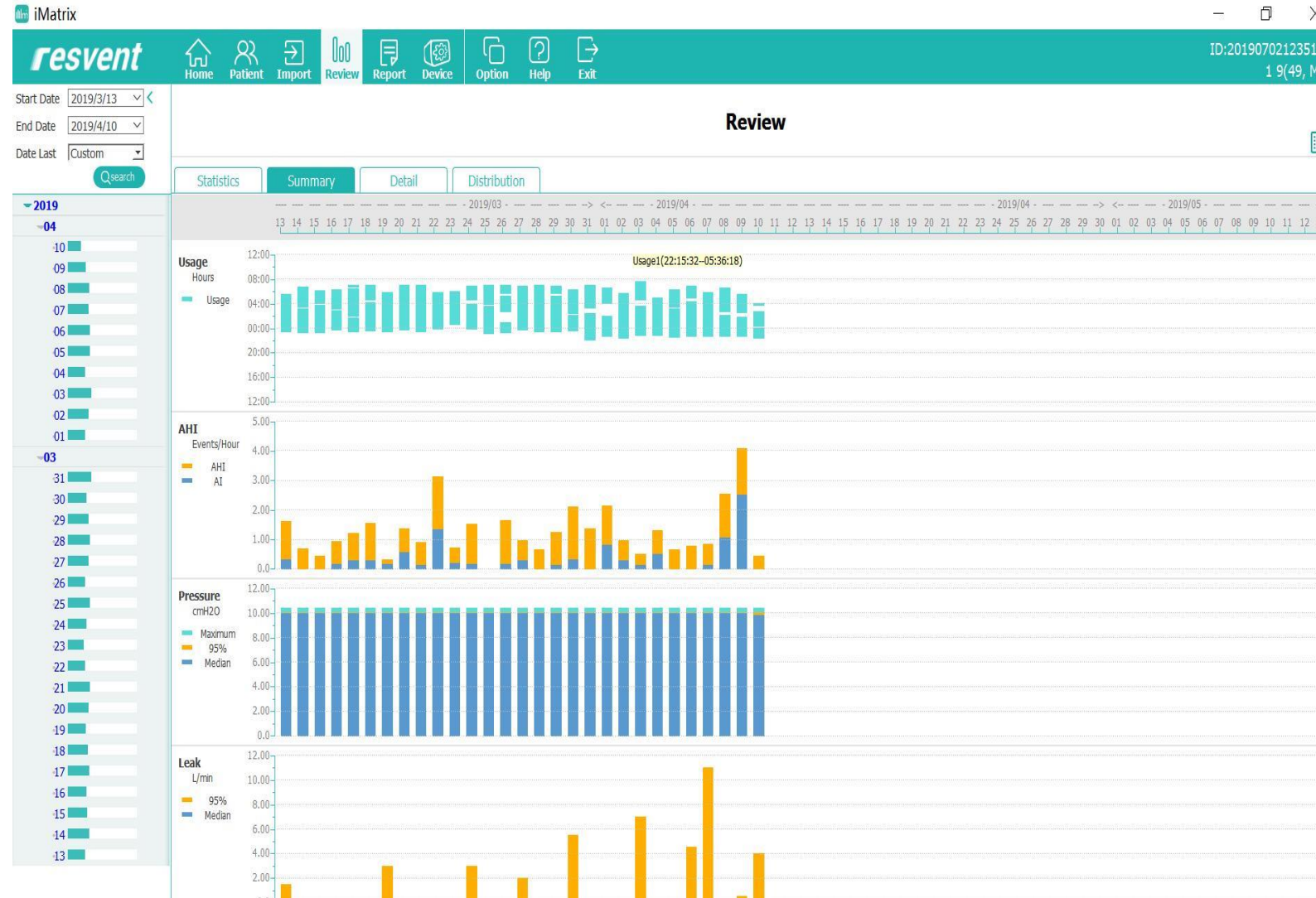
AI: **0.3/hour** HI: **0.9/hour** AHI: **1.2/hour** OAI: **0.1/hour**  
 CAI: **0.2/hour**

Leak(L/min)	Median: <b>0.0</b>	95%: <b>1.4</b>			
Press(cmH2O)	Median: <b>9.9</b>	95%: <b>10.0</b>		Maximum: <b>10.4</b>	
SpO2(%)	Minimum: /	Median: /		Maximum: /	
Pulse Rate(bpm)	Minimum: /	Average: /		Maximum: /	
ODI:	/				
Oximetry Range	>95%	90-95%	85-89%	80-84%	<80%
Time Spent(%)	/	/	/	/	/
Actual Time(hh:mm:ss)	/	/	/	/	/

# iMatrix PC Software – Patient Data Review

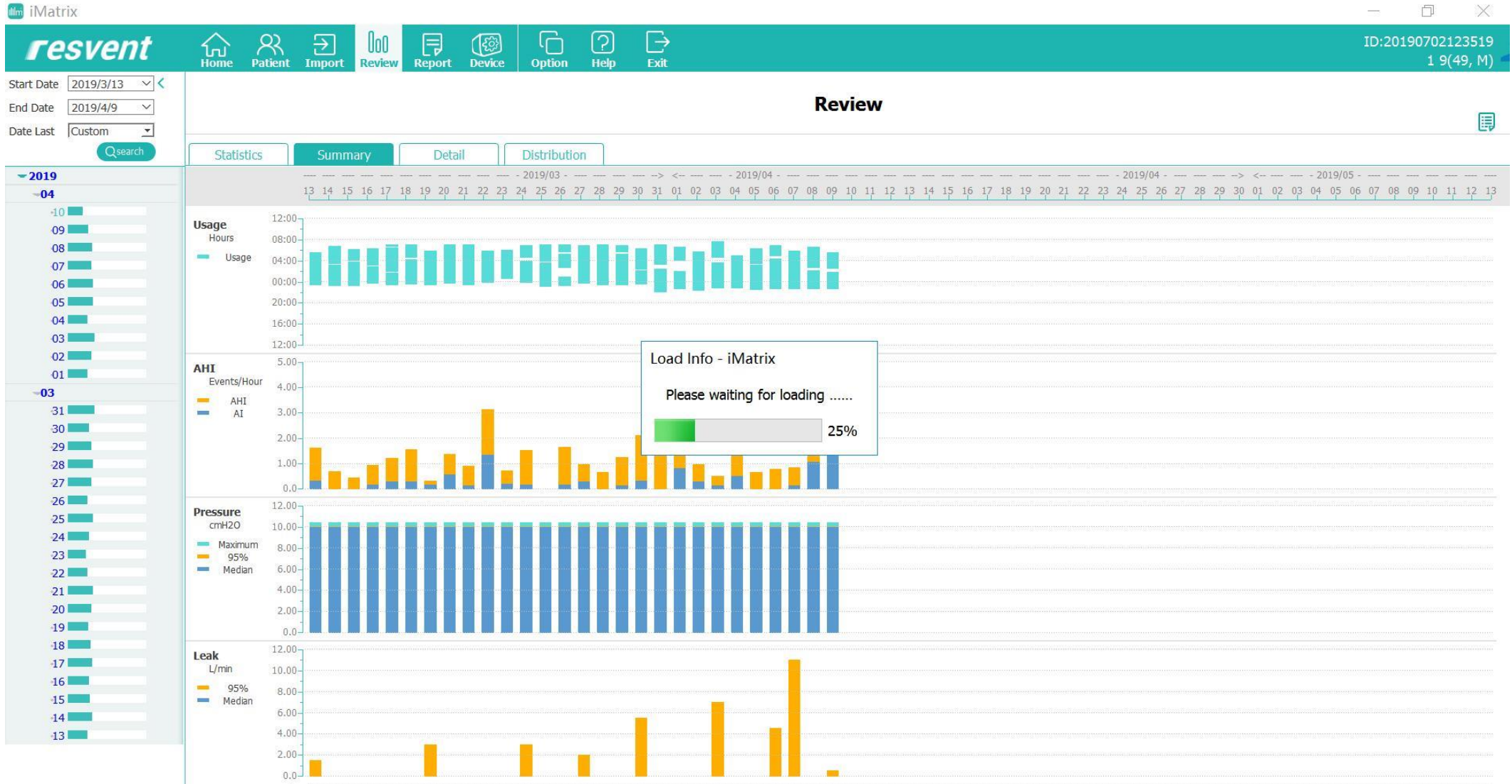
Go to the Review interface to see a summary

1. Select the start and end date
2. Click Search to confirm



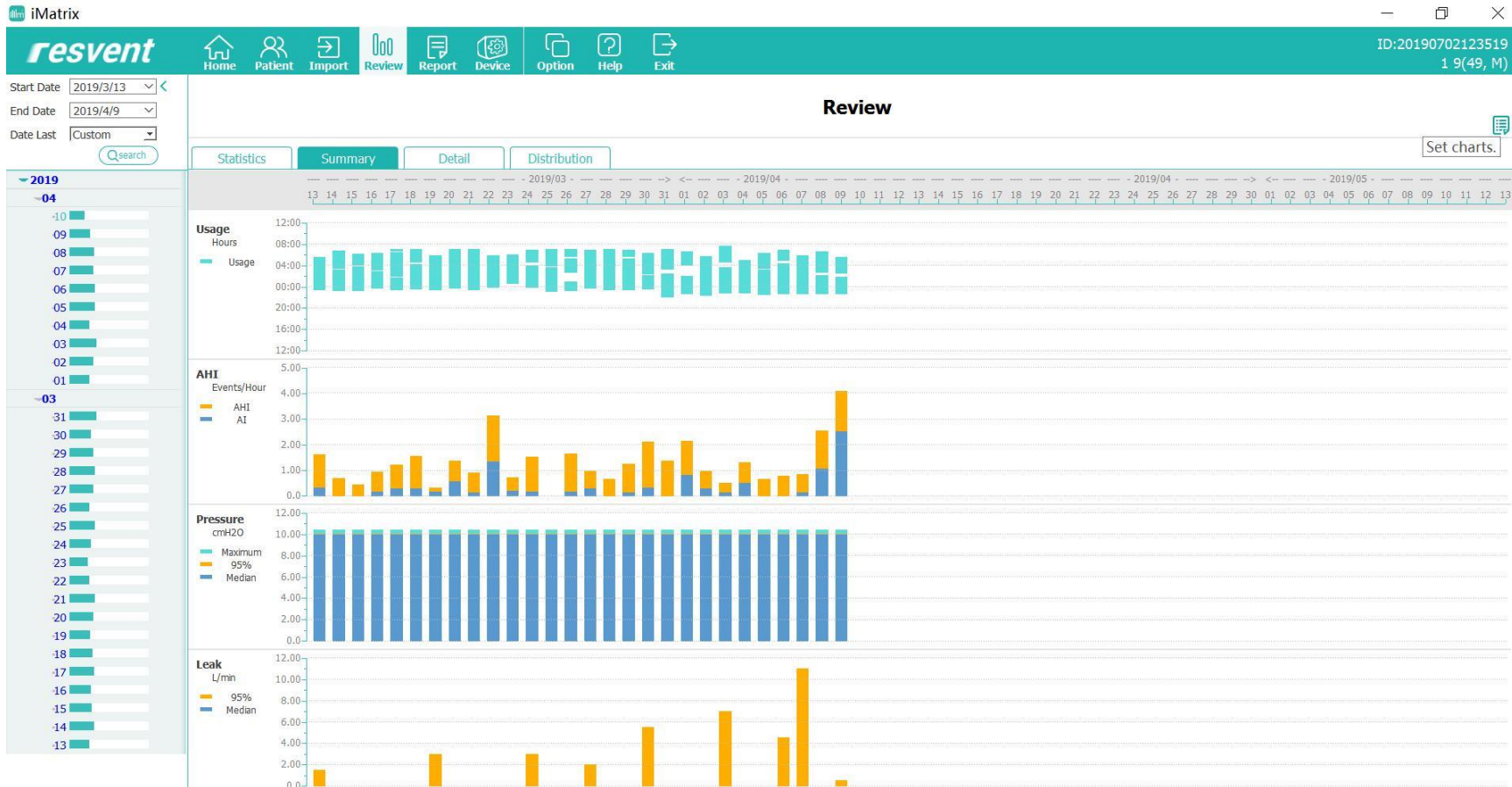
# iMatrix PC Software – Patient Data Review

The software will automatically load the data for the selected patient into a summary



# iMatrix PC Software – Patient Data Review

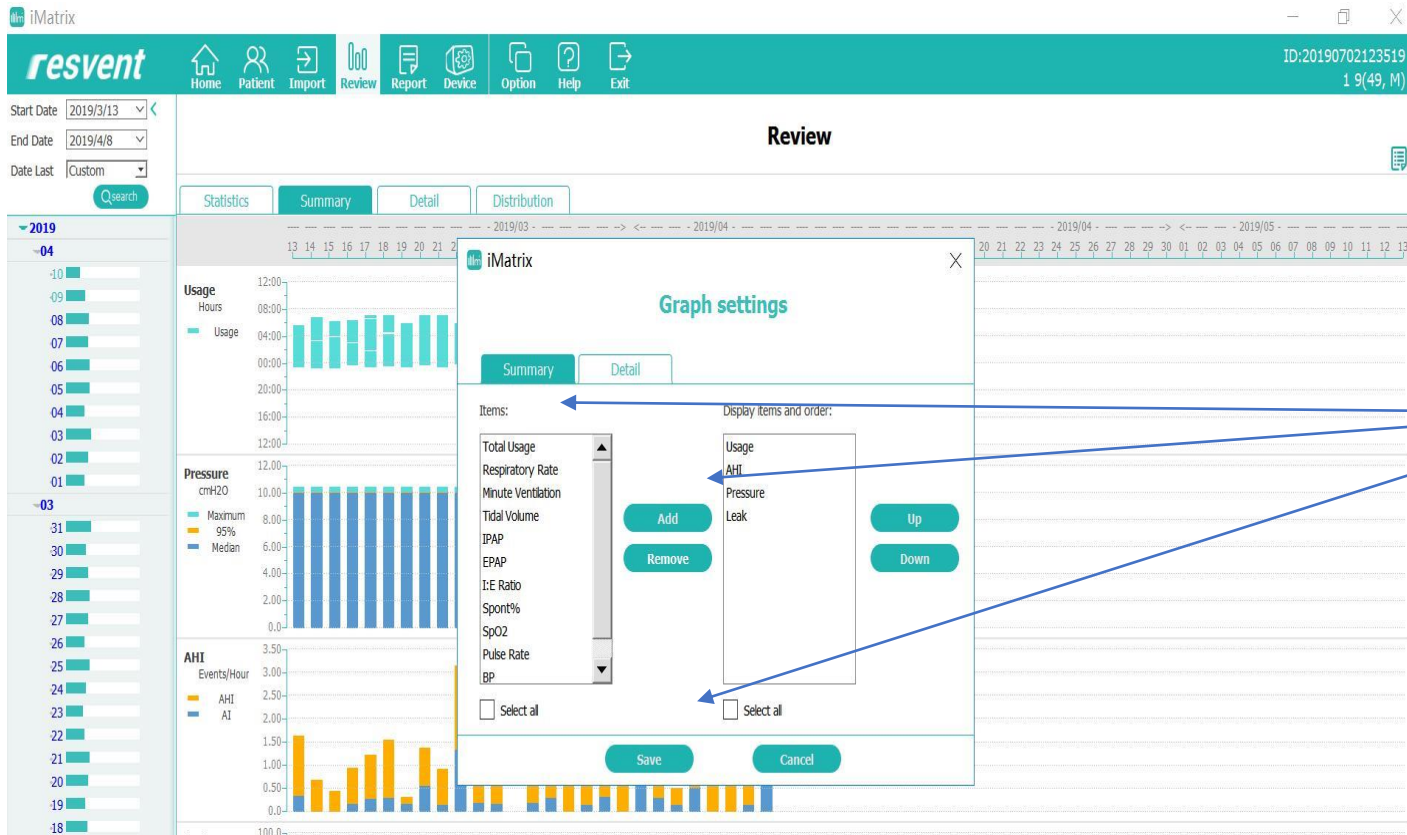
Go to the Review interface to see a summary of the time interval



1. Click on the "Set Charts" button to set the parameters with your order

# iMatrix PC Software – Patient Data Graph Configuration

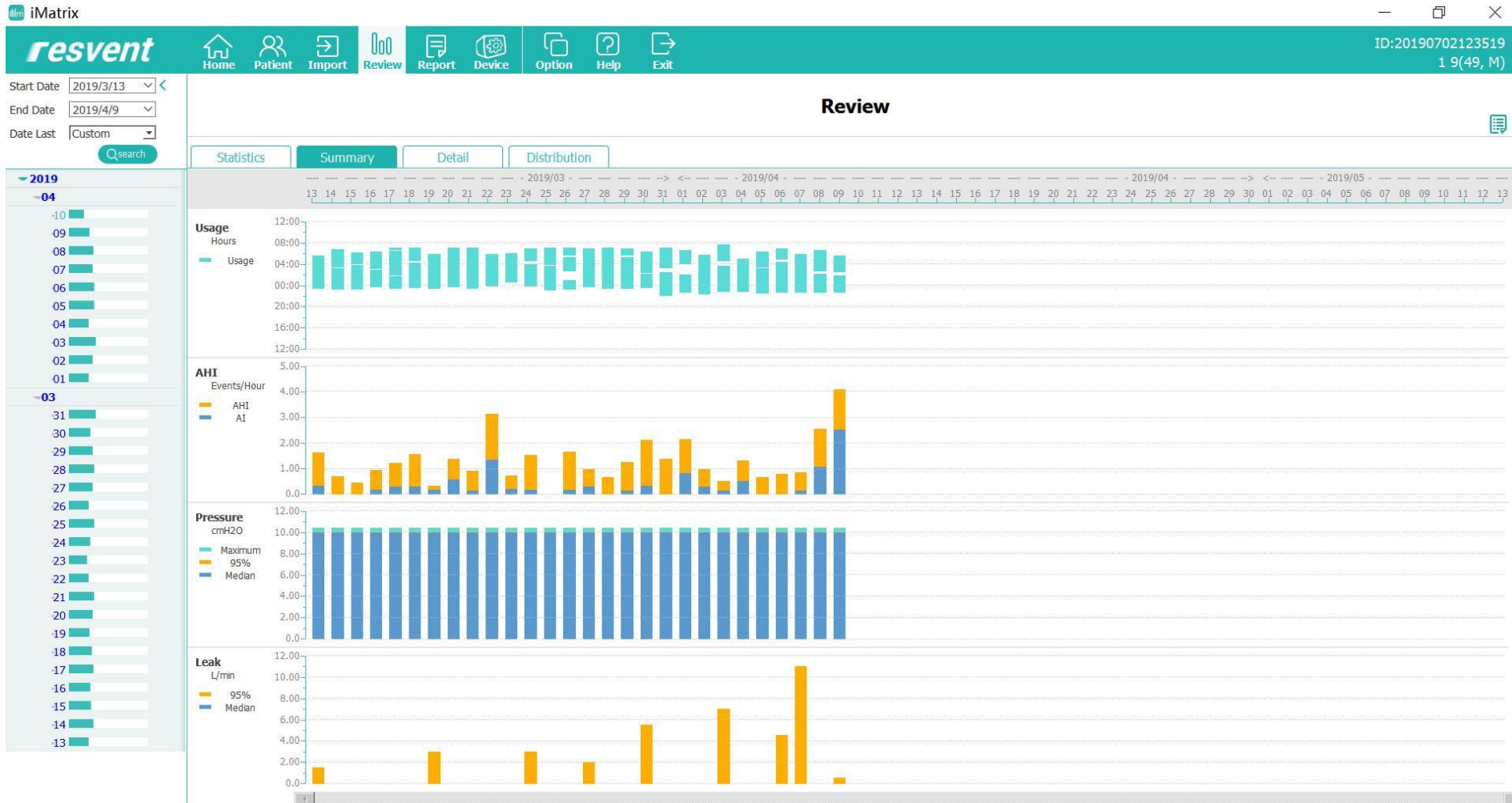
Go to the Review interface to see a summary of the time interval



1. Select parameter from the left column
2. Click Add to add in the right column
3. Click Set to set the parameter view in order
4. Delete the item from the right column by clicking on the "delete" button

# iMatrix PC Software – Revised Graph Display

When completed, Click "save" and the chart will display the data per your configuration



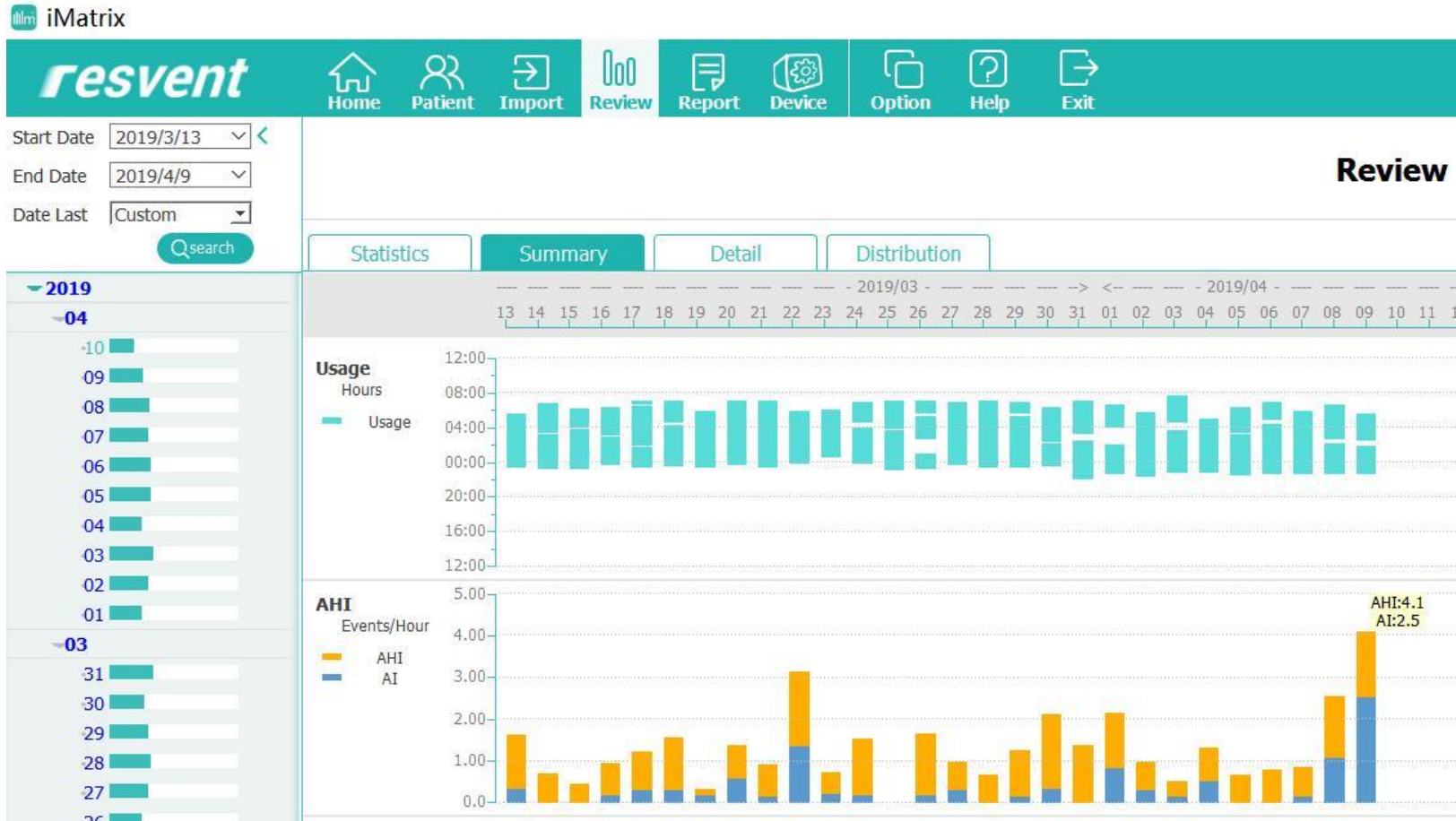
# iMatrix PC Software –Data Display

Select bar and the detailed data will be displayed



# iMatrix PC Software – Data Display

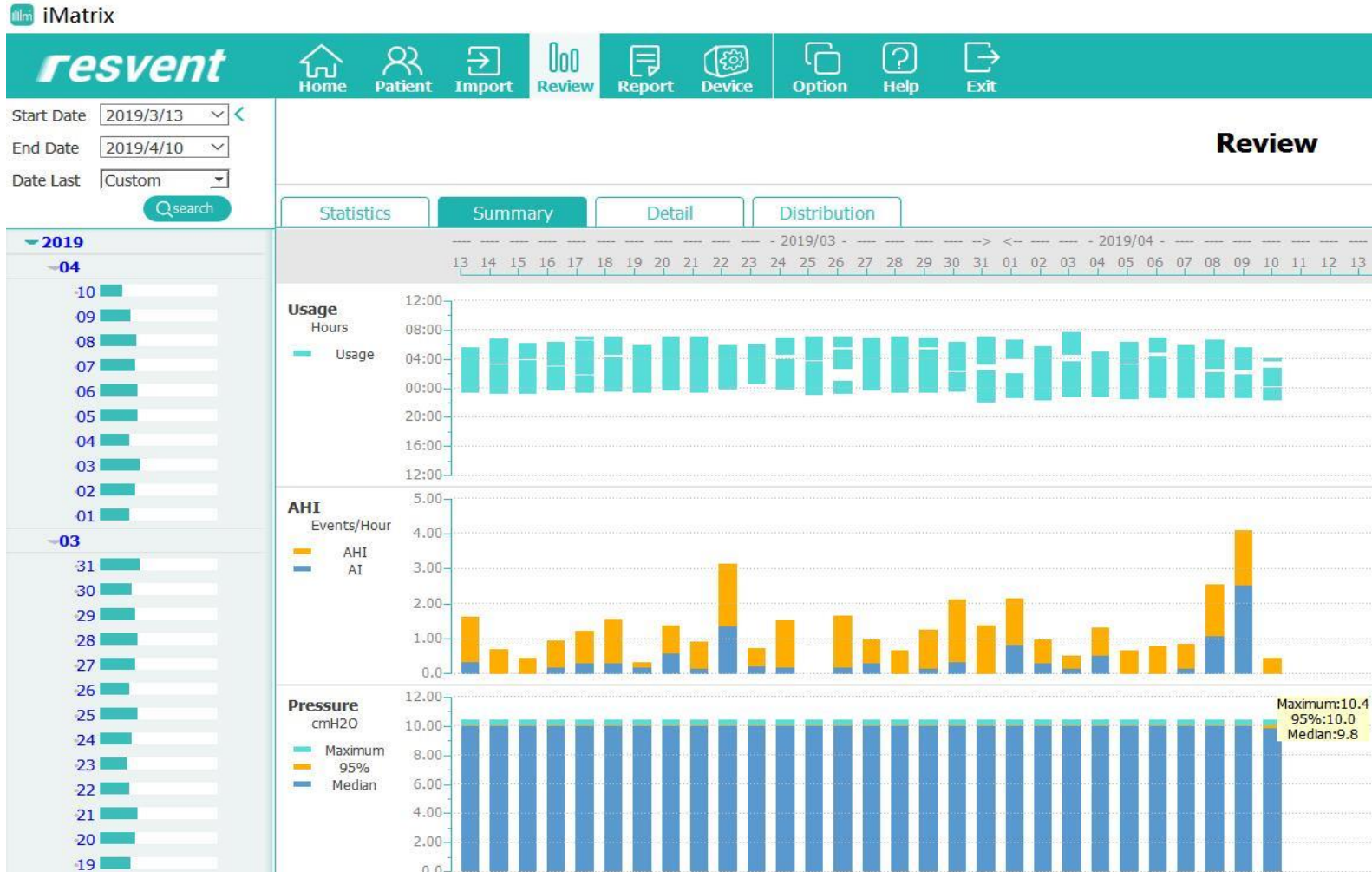
Use a dot or bar, to Display the AHI value





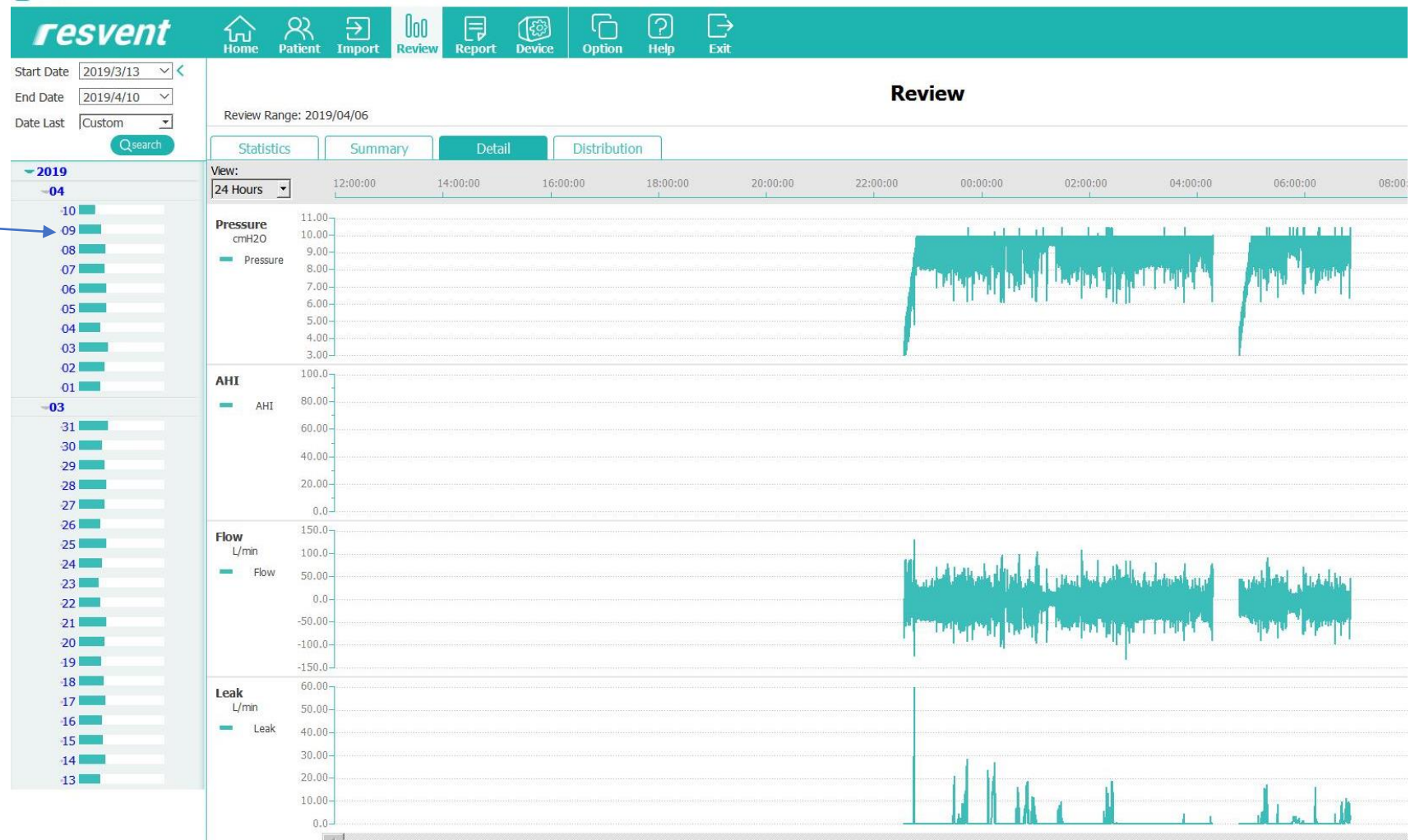
# iMatrix PC Software - Data Display

Use a point or pressure bar, to read the pressure values.  
P95% is the highest pressure a patient uses during sleep.



Review the daily information in the interface "detail"

1. Double-click on the day of you are selecting to see the information for that day



# iMatrix PC Software – Data Review

Go to the Review interface to see a summary of the time interval

The screenshot shows the iMatrix PC Software Review interface. At the top, there is a menu bar with icons for 'Port', 'Device', 'Option', 'Help', and 'Exit'. The window title bar displays 'ID:20190702123519' and '1 9(49, M)'. The main window is titled 'Review' and shows 'Therapy Mode: CPAP'. A 'Graph settings' dialog box is open, featuring two tabs: 'Summary' and 'Detail'. The 'Detail' tab is active, showing a list of 'Items' on the left (Respiratory Rate, Minute Ventilation, I:E Ratio, Tidal Volume, SpO2, Pulse Rate) and a 'Display items and order' list on the right (AHI, Pressure, Flow, Leak, Events). The 'Display items and order' list has 'Up' and 'Down' buttons next to it. At the bottom of the dialog box are 'Save' and 'Cancel' buttons. The background shows a data review screen with a time axis from 04:00:00 to 12:00:00 and a waveform plot.

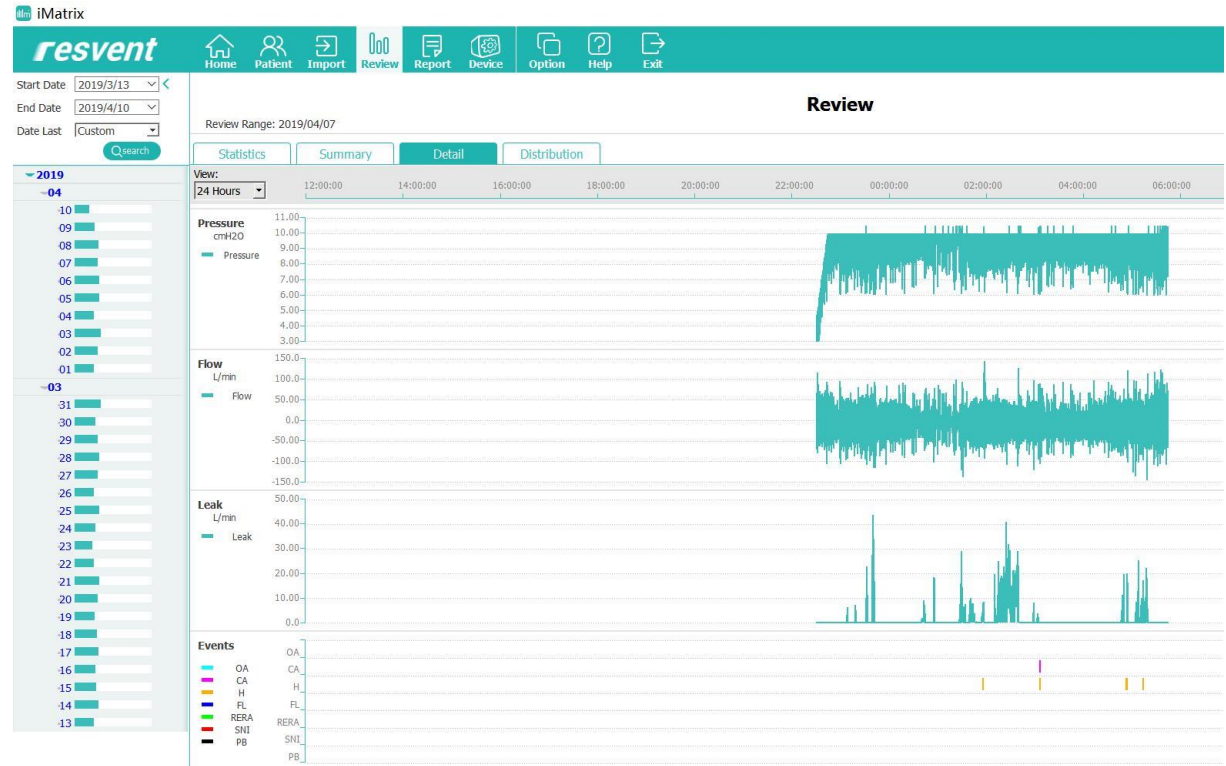
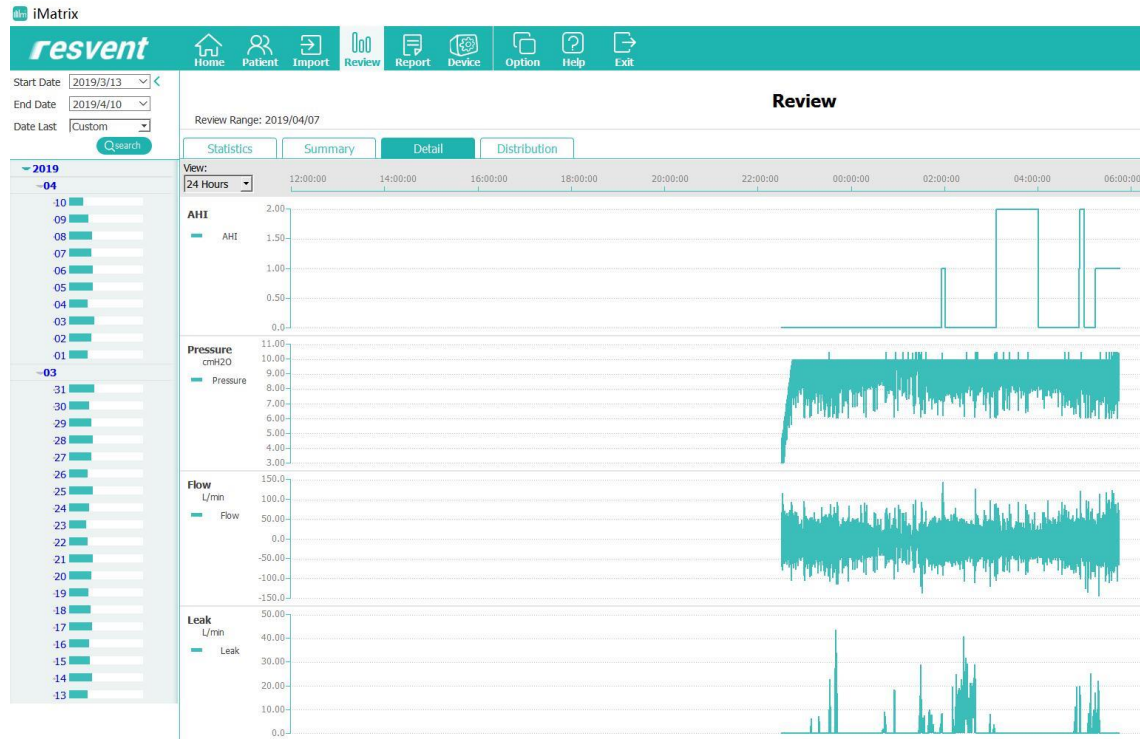
1. Click on the "Set Graphics" button

2. Select the items you wish to display or remove (in order) by clicking on the "add" or "delete" button.

3. Click Save

# iMatrix PC Software – Data Review

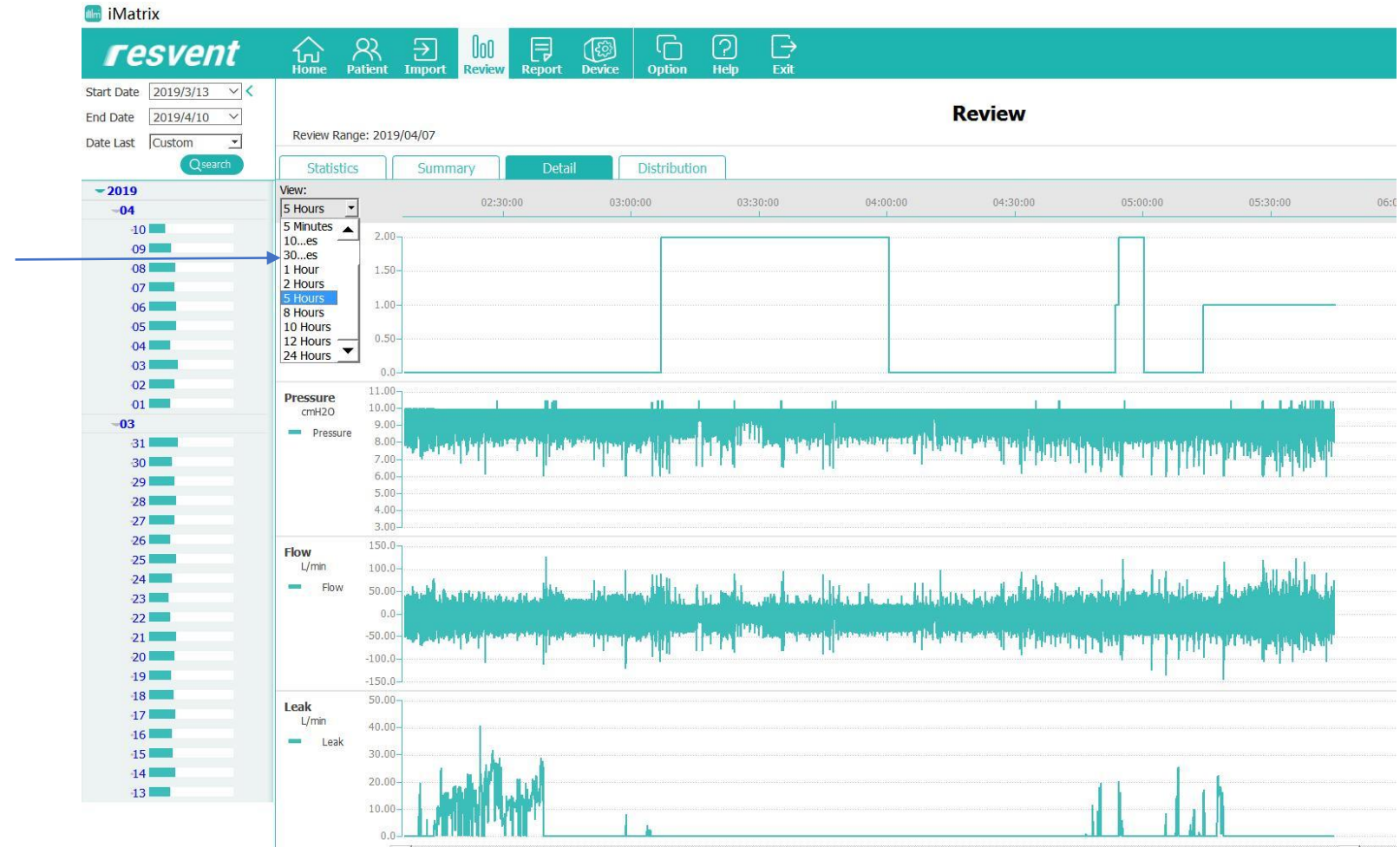
The chart will be displayed as selected



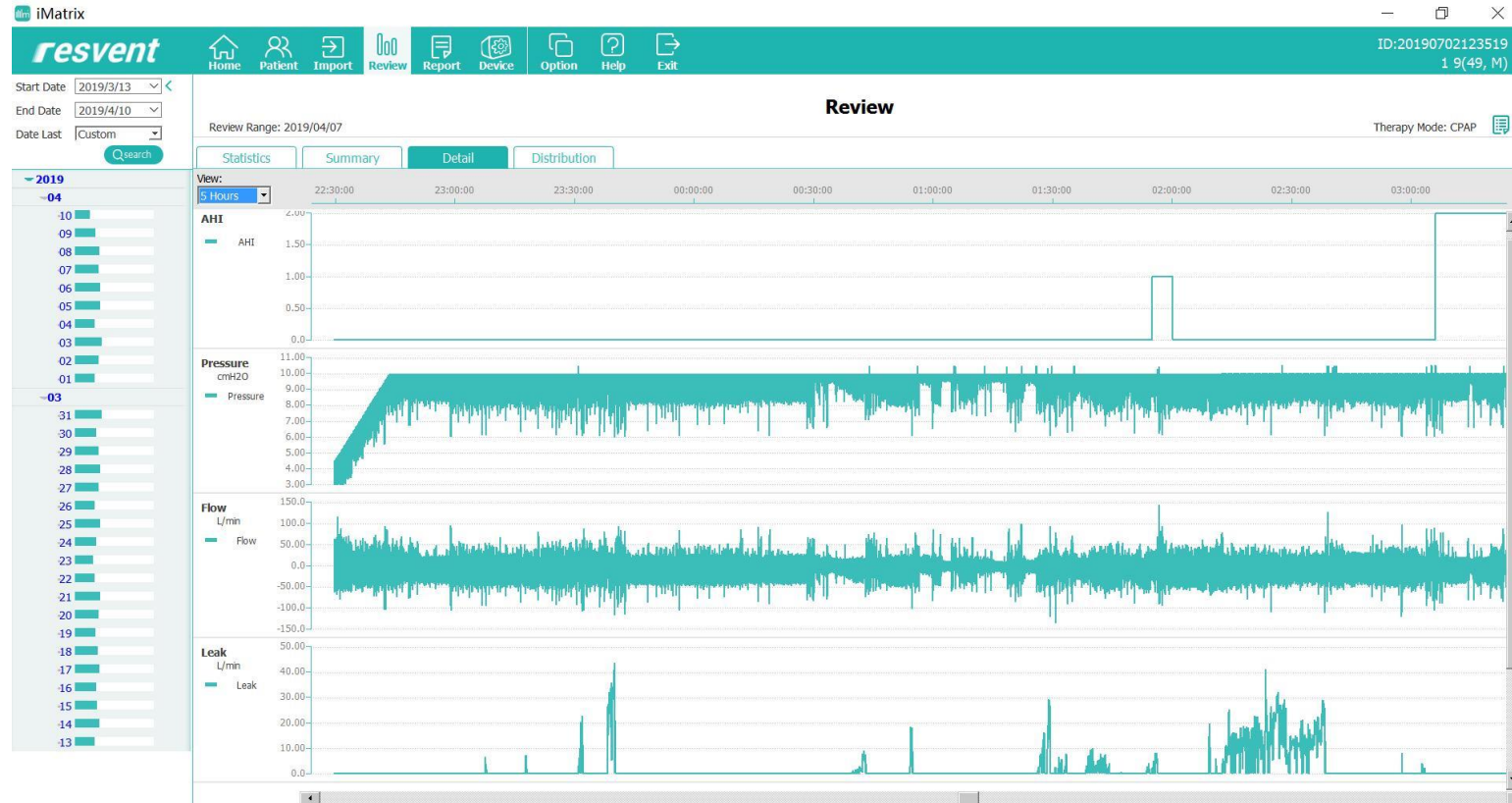
# iMatrix PC Software – Data Review

Analyze the chart

1. Select a time frame in the View drop-down



Scroll up and down and across to adjust the graph view

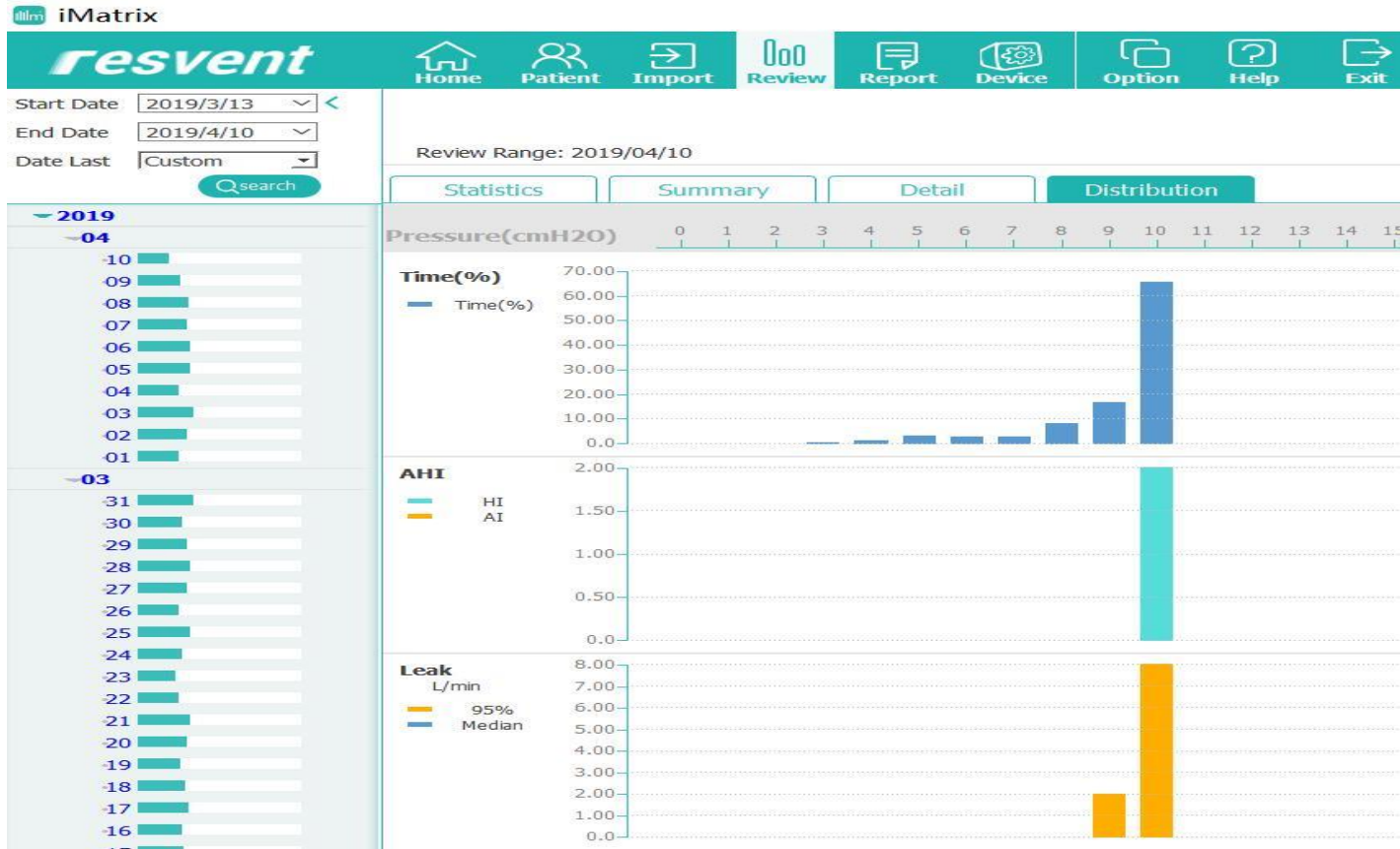


2. Scroll Down

3. Scroll Across

# iMatrix PC Software – Data Review

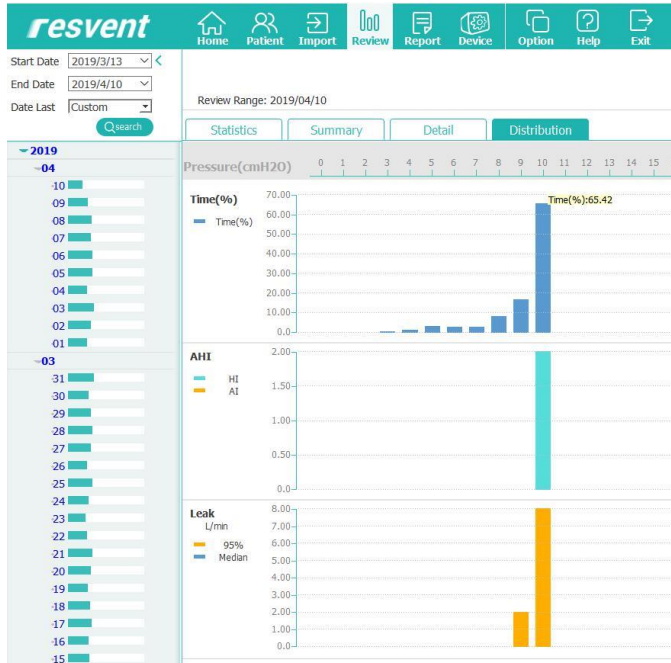
Click on Distribution



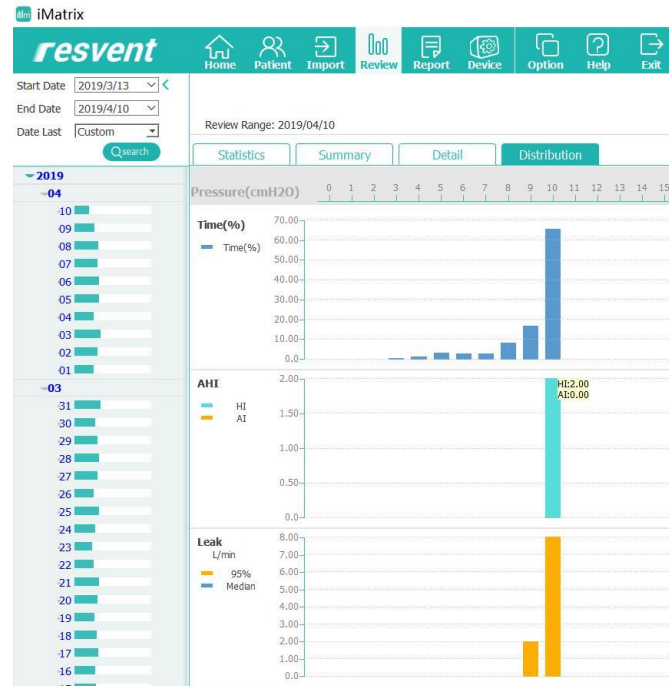
This will display Time, AHI and Leak.

# iMatrix PC Software - Interpretation

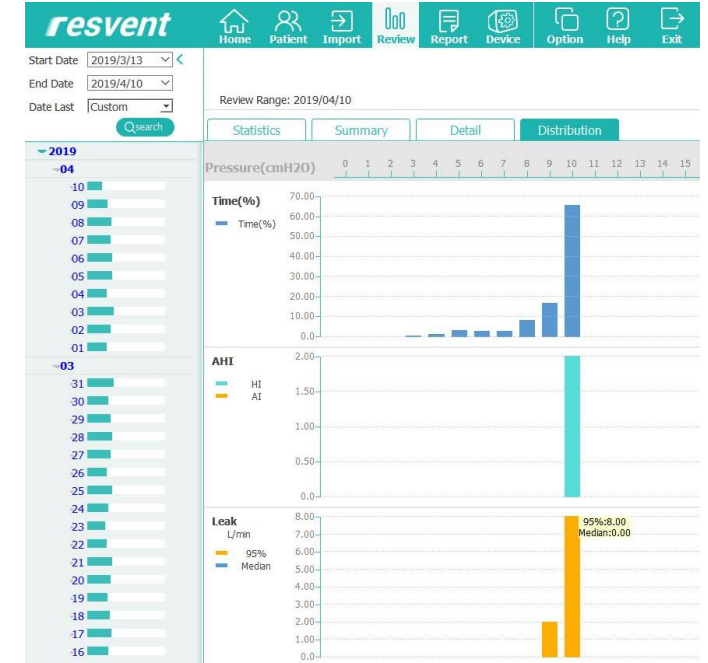
Below is an example of interpretation of the patient Data



65% of the time the pressure stays at 10



Under Pressure 10, AI is 0 and HI is 2.0. AHI does not occur at other pressures



95% of pressure leak of 10 is at 8 L/Min



# iMatrix PC Software – Report Interface

1. Select the Month and Days for the detail that you would like displayed in the report
2. Check Marks will appear
3. Click on the "Confirm" button to complete the Report

The screenshot displays the iMatrix software interface. At the top, there is a navigation bar with icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. Below this, the 'Report Preview' section is visible. On the left, a calendar for the year 2019 is shown, with the month of April (04) selected. Days from 01 to 10 are checked, and a 'Confirm' button is at the bottom. The main report area on the right contains the following information:

### Report

**Patient**  
Patient Name: 1 9  
Patient ID: 20190702123519      Phone:  
Date of Birth: 1970/07/02 (49 years)      E-mail:  
Gender: Male  
Address:

Doctor Name:      Doctor Phone:

**Therapy Settings**  
Therapy Mode: CPAP      P Ramp: 4.0 cmH2O  
Therapy Device: iBreeze 20C(GB-2B017963)      Tube Type: 15 mm  
Auto Start: ON      iPR: 2 Level  
Auto Stop: ON      RR Low: 0  
Auto Ramp: OFF      RR High: 0  
Ramp Time: 15 Minutes      Pressure: 10.0 cmH2O

**Statistics**  
**Compliance (2019/03/13-2019/04/10)**  
Days Selected: 29 days      Total Usage: 201.8 hrs  
Days Used: 29 days (100.0%)      Average Usage(Days Selected): 7.0 hrs  
Days Not Used: 0 day (0.0%)      Average Usage(Days Used): 7.0 hrs  
Days Used>=4hrs: 29 days (100.0%)      Max. Used(1 Day): 8.2 hrs  
Days Used<4hrs: 0 days (0)      Min. Used(1 Day): 4.7 hrs

AI: 0.3/hour      HI: 0.9/hour      AHI: 1.2/hour

# iMatrix PC Software – Report Interface

The Detail for the Selected Month and days will be added automatically to the Report

The screenshot displays the iMatrix software interface. At the top, there is a navigation bar with icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The 'Report' menu is active. On the left side, there is a date selection panel with dropdowns for Start Date (2019/3/13), End Date (2019/4/10), and Date Last (Custom). Below this is a calendar view for the year 2019, with the month of April (04) selected. The main area is titled 'Report Preview' and contains a 'Report' section. The report details are as follows:

**Patient**  
Patient Name: 1 9  
Patient ID: 20190702123519 Phone:  
Date of Birth: 1970/07/02 (49 years) E-mail:  
Gender: Male  
Address: [Redacted] 46%  
Doctor Name: [Redacted] Phone:

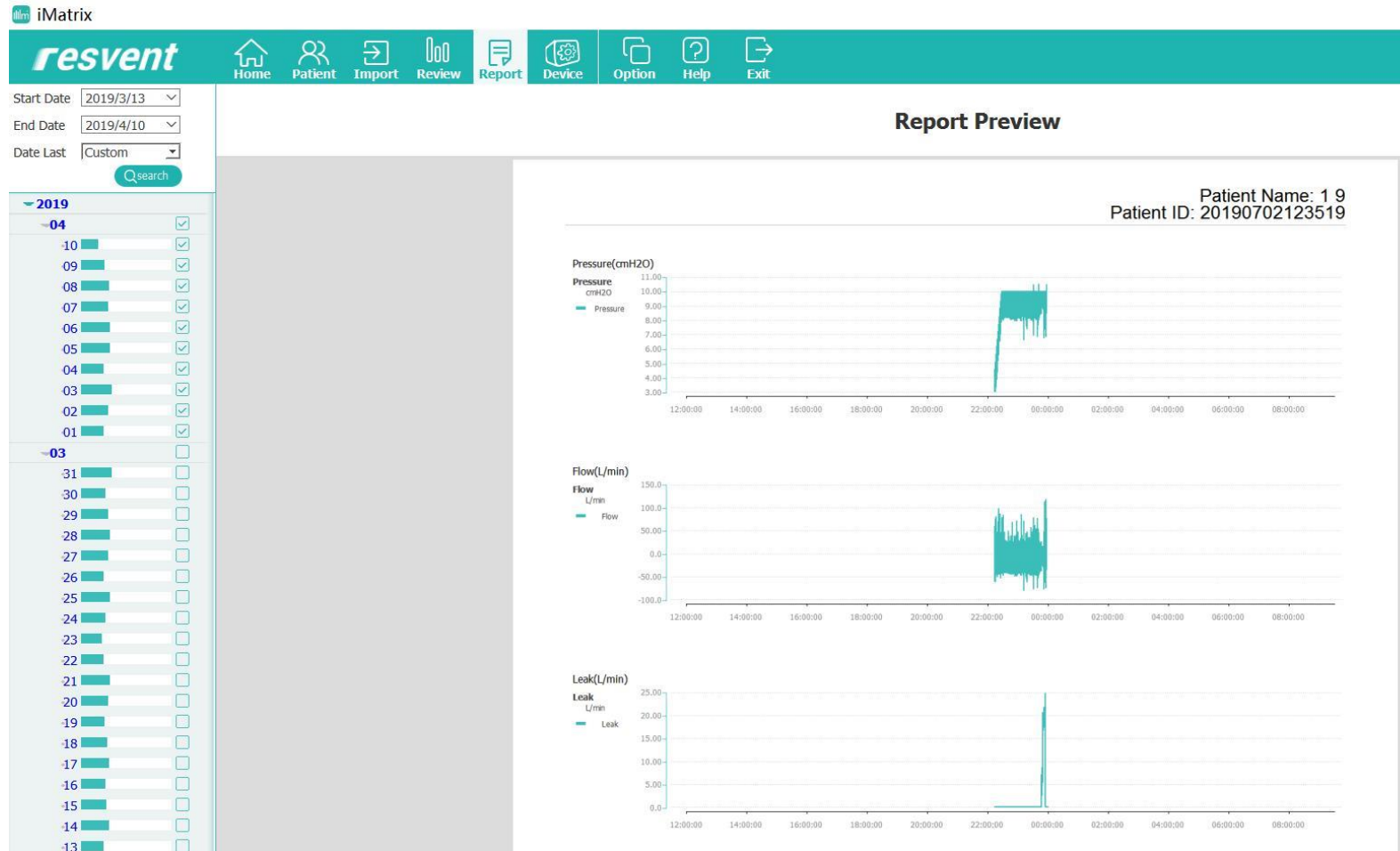
**Therapy Setting:**  
Therapy Mode: CPAP P Ramp: 4.0 cmH2O  
Therapy Device: iBreeze 20C(GB-2B017963) Tube Type: 15 mm  
Auto Start: ON iPR: 2 Level  
Auto Stop: ON RR Low: 0  
Auto Ramp: OFF RR High: 0  
Ramp Time: 15 Minutes Pressure: 10.0 cmH2O

**Statistics**  
Compliance (2019/03/13-2019/04/10)  
Days Selected: 29 days Total Usage: 201.8 hrs  
Days Used: 29 days (100.0%) Average Usage(Days Selected): 7.0 hrs  
Days Not Used: 0 day (0.0%) Average Usage(Days Used): 7.0 hrs  
Days Used>=4hrs: 29 days (100.0%) Max. Used(1 Day): 8.2 hrs  
Days Used<4hrs: 0 days (0) Min. Used(1 Day): 4.7 hrs

AI: 0.3/hour HI: 0.9/hour AHI: 1.2/hour

# iMatrix PC Software – Report Data

The days of detail that will be displayed will dissipate day by day



# iMatrix PC Software – Adding Notes

Notes can be added by Clicking on the "Edit Comment" button the right

The screenshot displays the iMatrix PC software interface. At the top, there is a navigation bar with icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The user ID is 20180129163408. The main window shows a 'Report Preview' for a patient with ID 20180129163408. A modal dialog titled 'Please input your comment' is open, allowing the user to enter notes. The dialog has a 'Save' button and a 'Cancel' button. The background report shows patient information, therapy details (e.g., IPAP Max: 12.0 cmH2O, P Ramp: 4.0 cmH2O), and statistics (e.g., Compliance: 2017/12/26-2018/01/29, Days Selected: 35 days).

1. Click on the button "Edit Comment"

2. Type in notes and then click Save

# iMatrix PC Software – Exporting the Report

Click PDF Button to export the report

The screenshot shows the iMatrix software interface. At the top, there is a navigation bar with the 'resvent' logo and several menu icons: Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The patient information is displayed as 'ID:20190702123519' and '1 9(49, M)'. On the left side, there are date filters for 'Start Date' (2019/3/13), 'End Date' (2019/4/10), and 'Date Last' (Custom), along with a search bar. Below these are two lists of dates for 2019, with the first list (01-04) checked. The main area is titled 'Report Preview' and contains three line graphs for 'Patient Name: 1 9' and 'Patient ID: 20190702123519'. The first graph is 'Pressure(cmH2O)' showing a sharp increase from 0 to approximately 10 cmH2O around 23:00. The second graph is 'Flow(L/min)' showing a corresponding increase in flow around the same time. The third graph is 'Leak(L/min)' showing a sharp spike in leak around 23:00. In the top right corner of the report preview area, there is an 'Export' button with a PDF icon, which is highlighted by a blue callout box with the text '(PDF Button)'.

# iMatrix PC Software – Printing the Report

Click the Print Button to print the report

**resvent** Home Patient Import Review Report Device Option Help Exit ID:20180129163408 1 1(50, M)

Start Date: 2017/12/26  
End Date: 2018/1/29  
Date Last: Custom  
Search

**Report Preview**

**Report**

**Patient**

Patient Name:	1 1	Patient ID:	20180129163408
Gender:	Male	Phone:	
Date of Birth:	1969/01/29 (50 years)	E-mail:	
Address:			
Doctor Name:			
Doctor Phone:			

**Therapy Settings**

Therapy Mode:	S	iPR:	0 Level
Therapy Device:	iBreeze 25STA	EPAP:	4.0 cmH2O
Auto Start/Stop:	ON	IPAP:	5.0 cmH2O
Auto Ramp:	OFF	IPAP Max:	12.0 cmH2O
Ramp Time:	0 Minute	IPAP Min:	6.0 cmH2O
P Ramp:	4.0 cmH2O	VT:	OFF
Tube Type:	19 mm		

**Statistics**

**Compliance (2017/12/26-2018/01/29)**

Days Selected:	35 days	Total Usage:	0.2 hrs
Days Used:	2 days (5.7%)	Average Usage(Days Selected):	22 s

Confirm

(Print Button)

# iMatrix PC Software – Printing the Report

Click the Settings Button to set the Report to Print

The screenshot displays the iMatrix PC software interface. At the top, there is a navigation bar with icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The patient information is shown as ID: 20190702123519 and 1 9(49, M). The main area is titled "Report Preview" and shows a graph of Pressure (cmH2O) and Flow (L/min) over time. A "Report Setting" dialog box is open, allowing users to configure the report. The dialog box includes fields for Paper Type (set to A4), Report Title (set to Report), and Hospital Logo. There are "Save" and "Cancel" buttons at the bottom of the dialog box. A blue arrow points from the "Settings Button" label to the settings icon in the top right corner of the report preview area.

(Settings Button)

Select Paper Type

# iMatrix PC Software – Changing the Device Settings

## Device Configuration Interface

The screenshot shows the iMatrix PC software interface for device configuration. The window title is "iMatrix" and the menu bar includes "resvent", "Home", "Patient", "Import", "Review", "Report", "Device", "Option", "Help", and "Exit". The "Device" menu is highlighted. The main content area is titled "Device Configuration" and has tabs for "Configuration" and "History". A message "No available data card." is displayed. The "Export Configure" button is highlighted with a blue arrow. The interface is divided into sections: Therapy, Comfort, and General, each with various settings and dropdown menus.

Section	Setting	Value
Therapy	Mode	CPAP
	E-COMP	OFF
	Pressure	4.0 cmH2O
Comfort	Humidity	OFF
	P Ramp	3.0 cmH2O
	IPR	0 Level
	P Mask Test	6 cmH2O
	Preheat	OFF
	Auto Ramp	OFF
General	Patient Info Menu	OFF
	Filter	OFF
	Water Tank	OFF
	P Uint	cmH2O
	Leakage high	OFF
	Mask	OFF
	Clinic	OFF
	Apnea	0 s
	Mask Vent Holes Blocked	OFF
Tube	OFF	

Changing the device settings:

1. Remove the SD card of the original device;
2. Click device interface;
3. Change the settings, and then click the Export button;
4. Reinsert the SD card into the device
5. Restart the device to finish changing the settings on the device



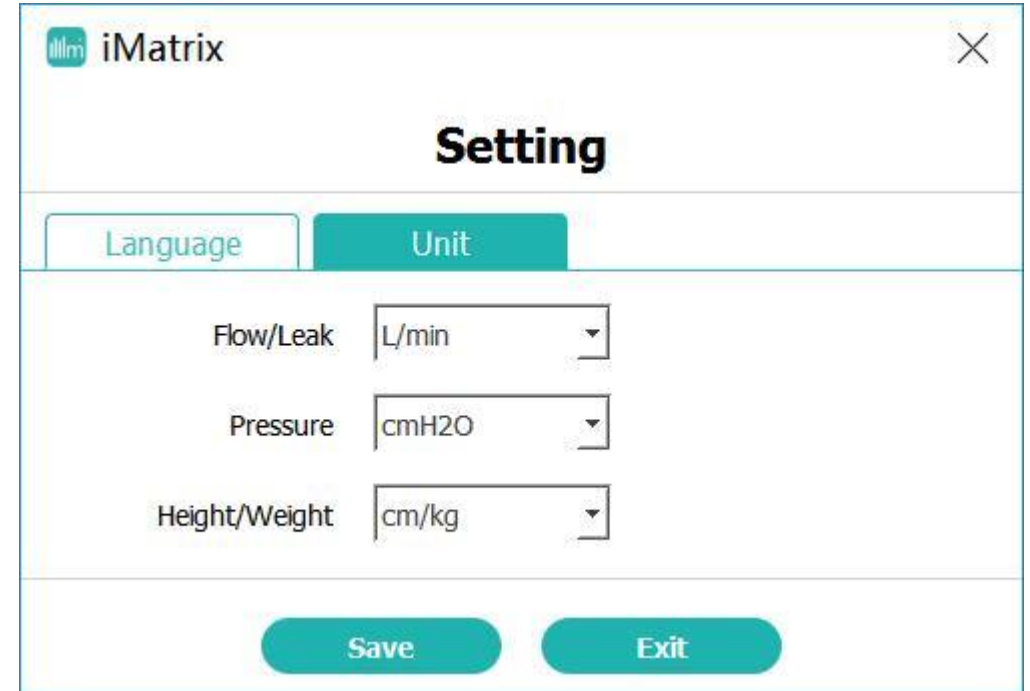
# iMatrix PC Software – Setting Options

## Options interface



The screenshot shows the 'Setting' window of the iMatrix software. The 'Language' tab is selected and highlighted in teal. Below the tab, there is a 'Language' label and a dropdown menu currently set to 'English'. At the bottom of the window, there are two teal buttons labeled 'Save' and 'Exit'.

Click the option to change the language



The screenshot shows the 'Setting' window of the iMatrix software. The 'Unit' tab is selected and highlighted in teal. Below the tab, there are three settings, each with a label and a dropdown menu: 'Flow/Leak' set to 'L/min', 'Pressure' set to 'cmH2O', and 'Height/Weight' set to 'cm/kg'. At the bottom of the window, there are two teal buttons labeled 'Save' and 'Exit'.

Click the Unit option to change measuring settings