

*resvent*



**iMatrix PC Software**

iMatrix

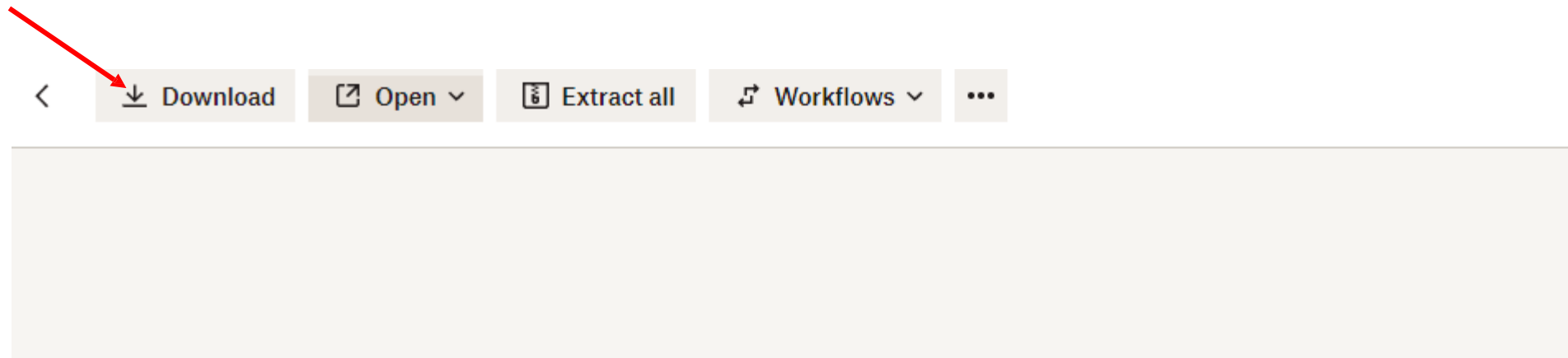
PC Software Download

<https://bit.ly/3dPF8I2>

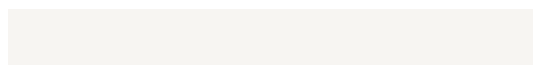
# iMatrix PC Software Download



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

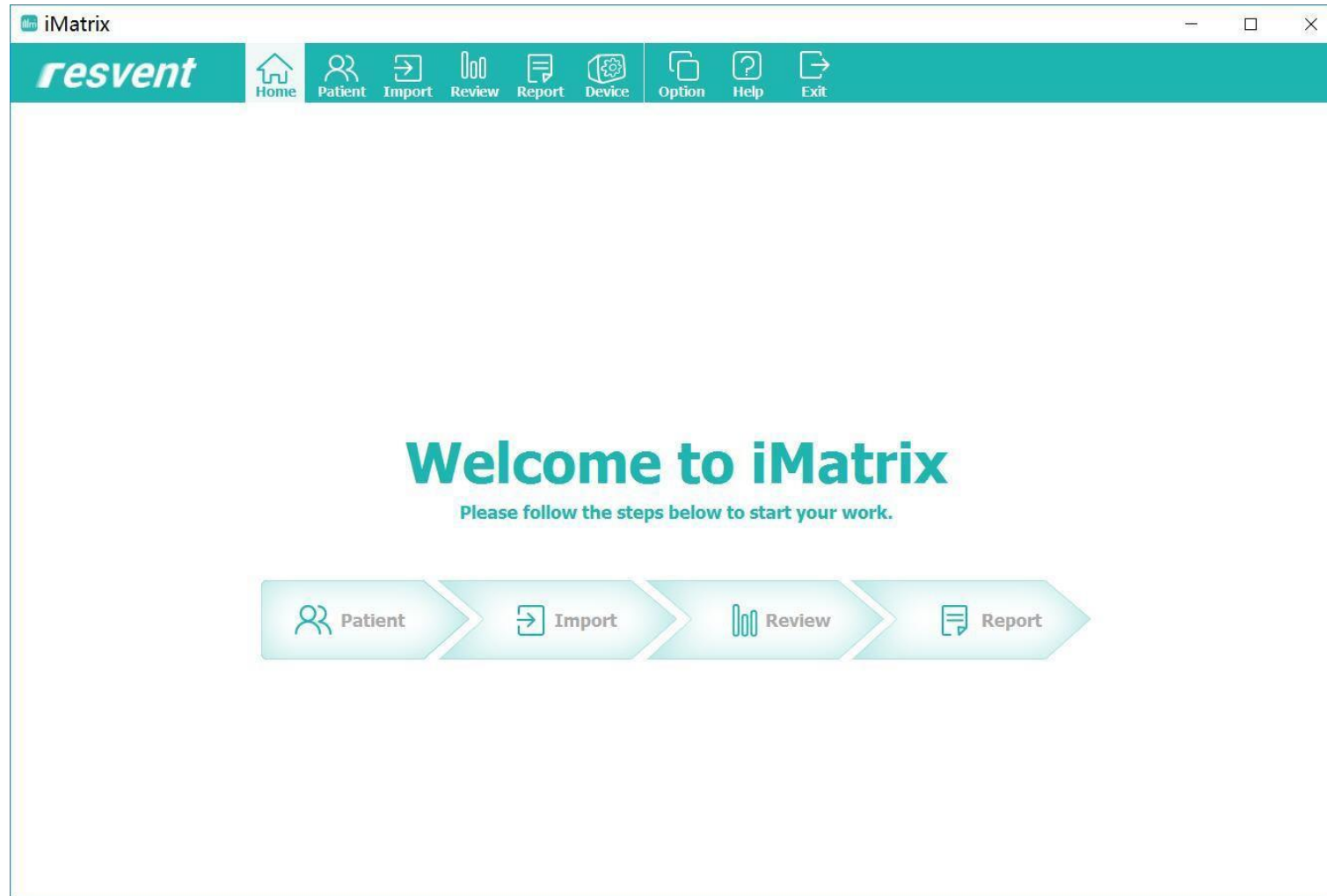
27.7/43.7 MB, 3 secs left



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:' prompt. A modal dialog box is open, displaying the following options:

- Import History: a a(Male, 49 years) [Previous Patient]
- Import data for a new patient [New Patient]
- Import data for temporary view [Without Patient]
- Import data for an existing patient [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'.

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

Double-click Patient to select a patient to view

**iMatrix**

**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)

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 a single entry for 'Import' on 2019/07/02 at 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 box also shows a legend for usage categories: 'Used >=4hrs(100.0%)', 'Used <4hrs(0.0%)', and 'Not Used(0.0%)'.

**Patient Profile**

**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: <b>/</b>	Median: <b>/</b>	Maximum: <b>/</b>	
Pulse Rate(bpm)	Minimum: <b>/</b>	Average: <b>/</b>	Maximum: <b>/</b>	
ODI:	<b>/</b>			
Oximetry Range	>95%	90-95%	85-89%	80-84%
Time Spent(%)	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>
Actual Time(hh:mm:ss)	<b>/</b>	<b>/</b>	<b>/</b>	<b>/</b>

# iMatrix PC Software – Patient Data Review

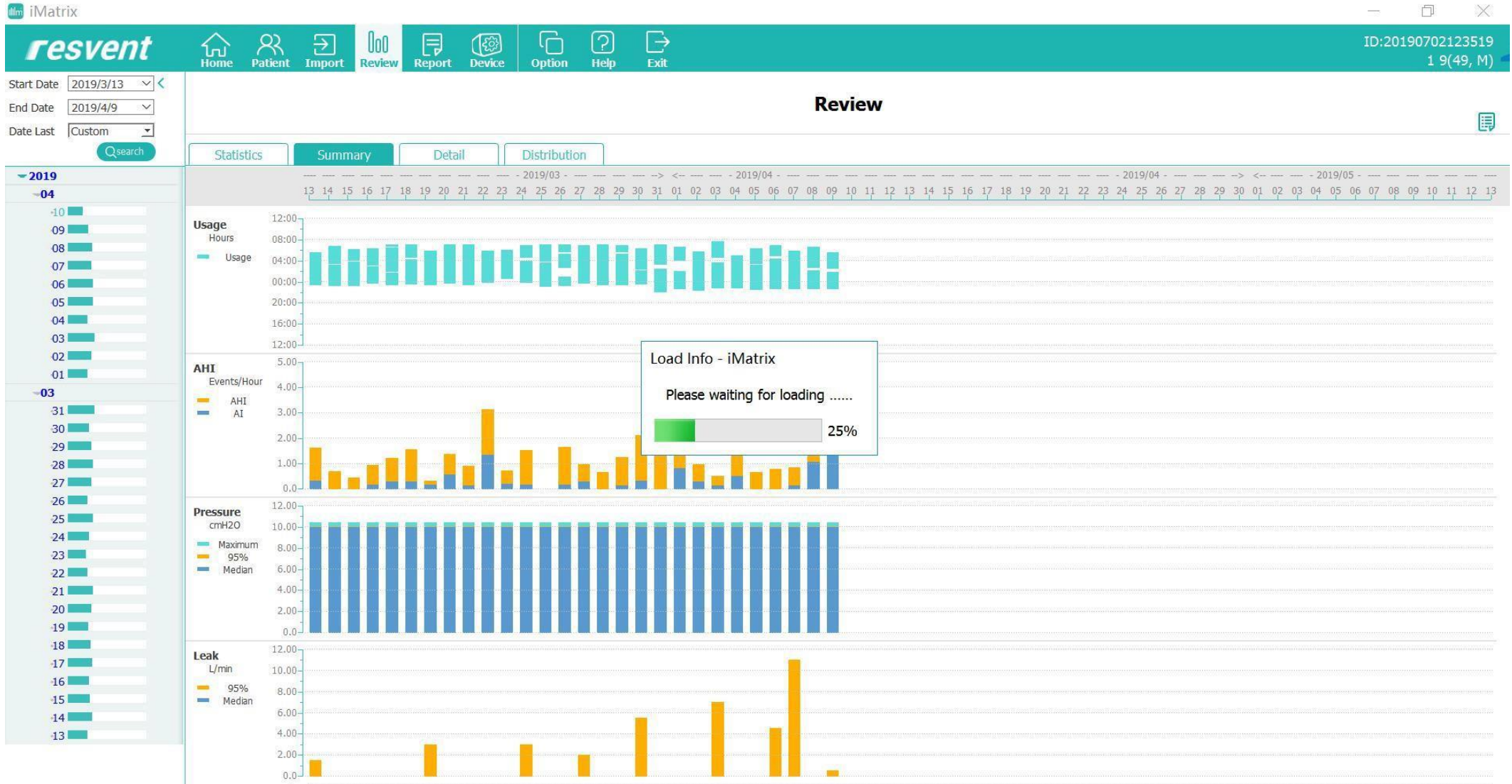
Go to the Review interface to see a summary

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



# iMatrix PC Software – Patient Data Review

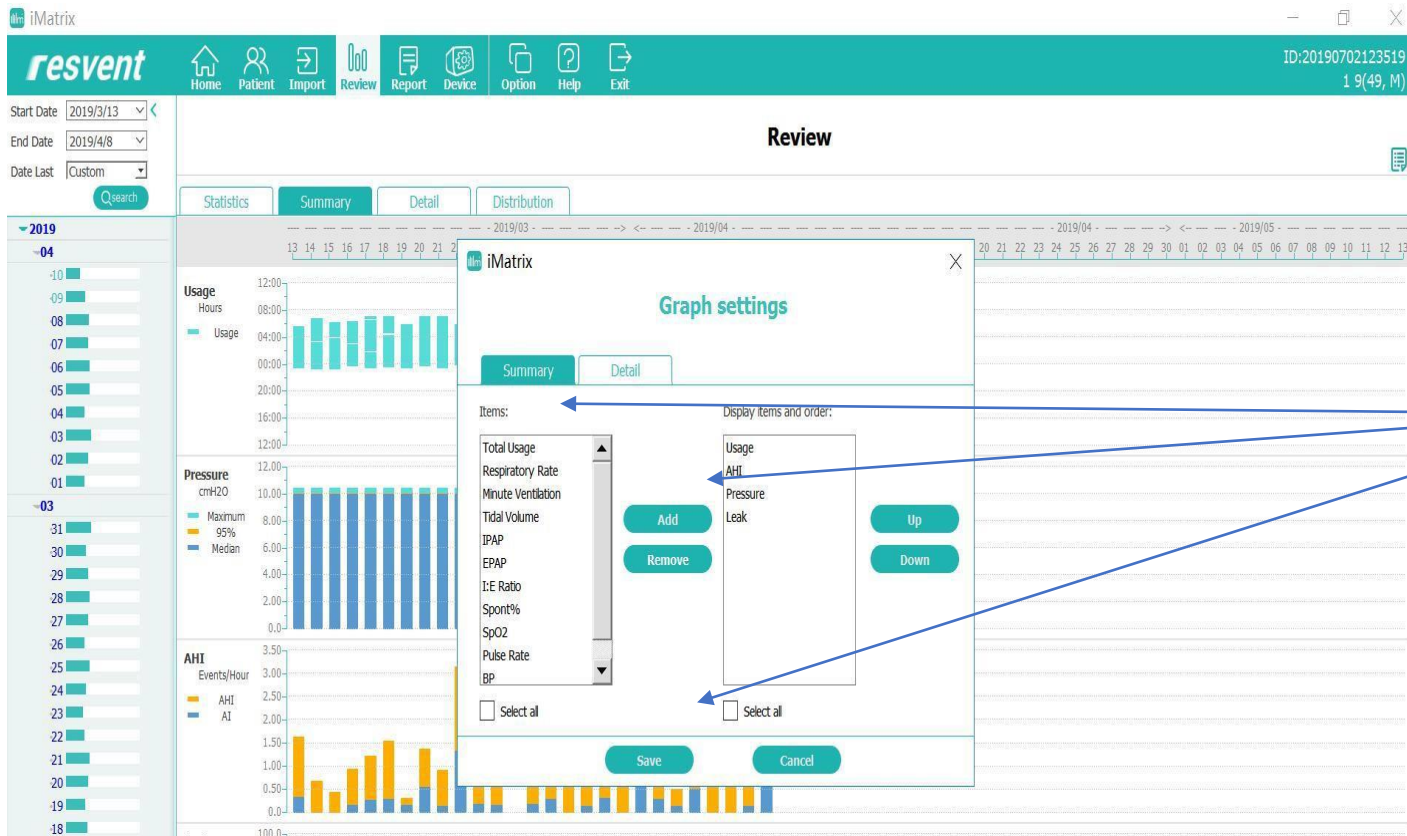
The software will automatically load the data for the selected patient into a summary





# iMatrix PC Software – Patient Data Graph Configuration

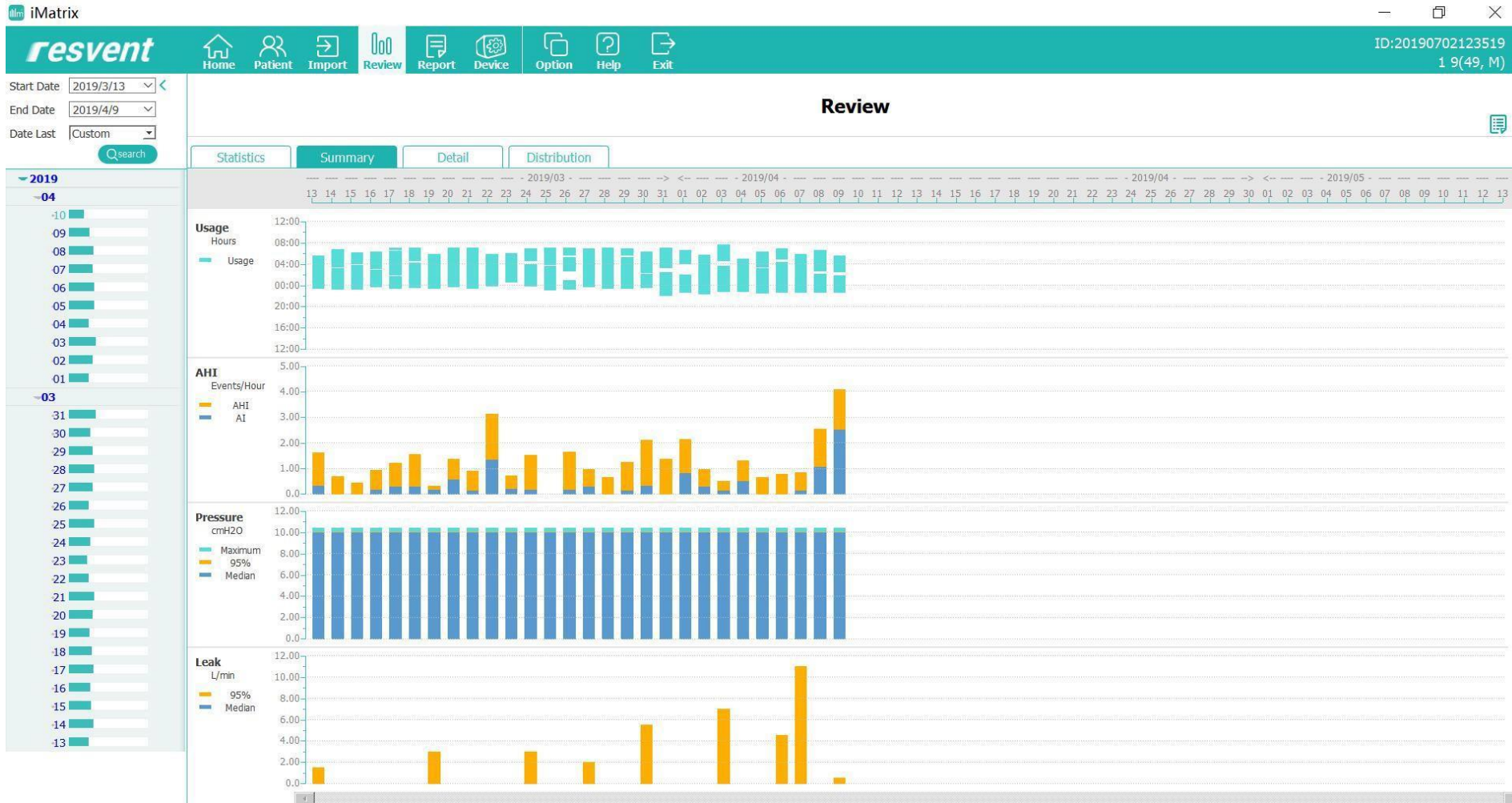
Go to the Review interface to see a summary of the time interval



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

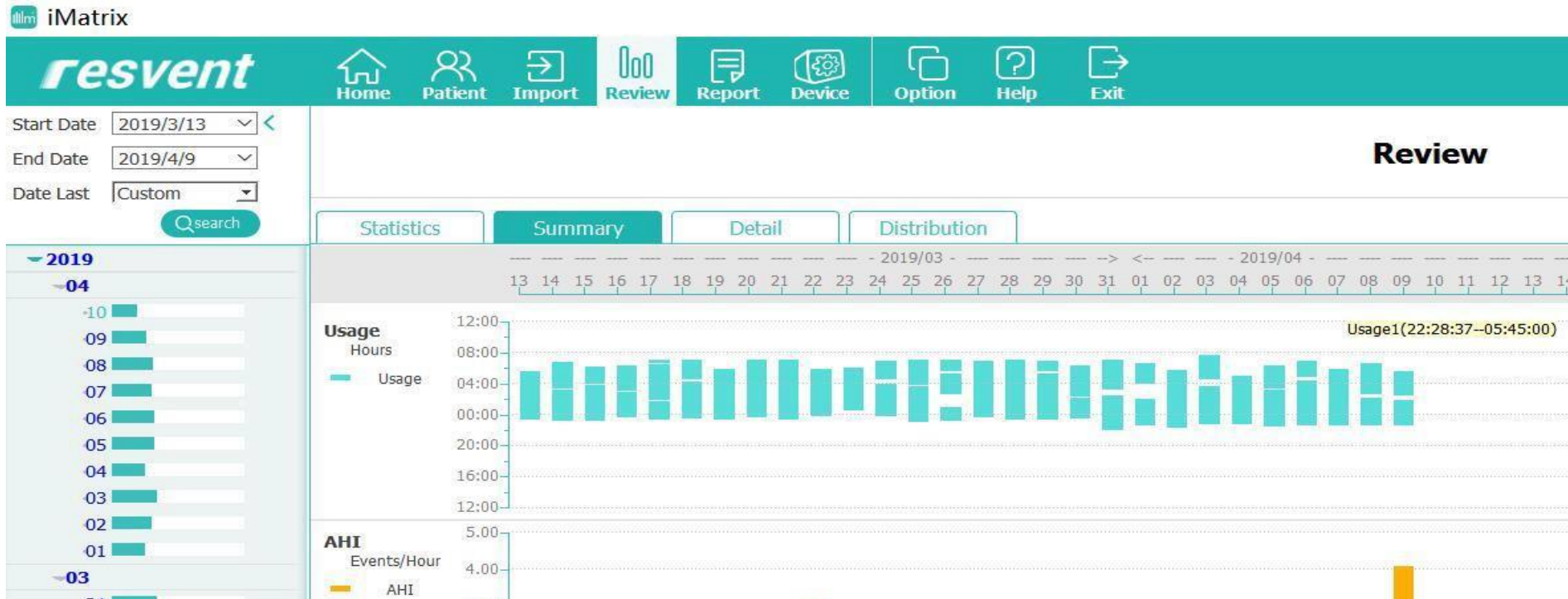
# iMatrix PC Software – Revised Graph Display

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



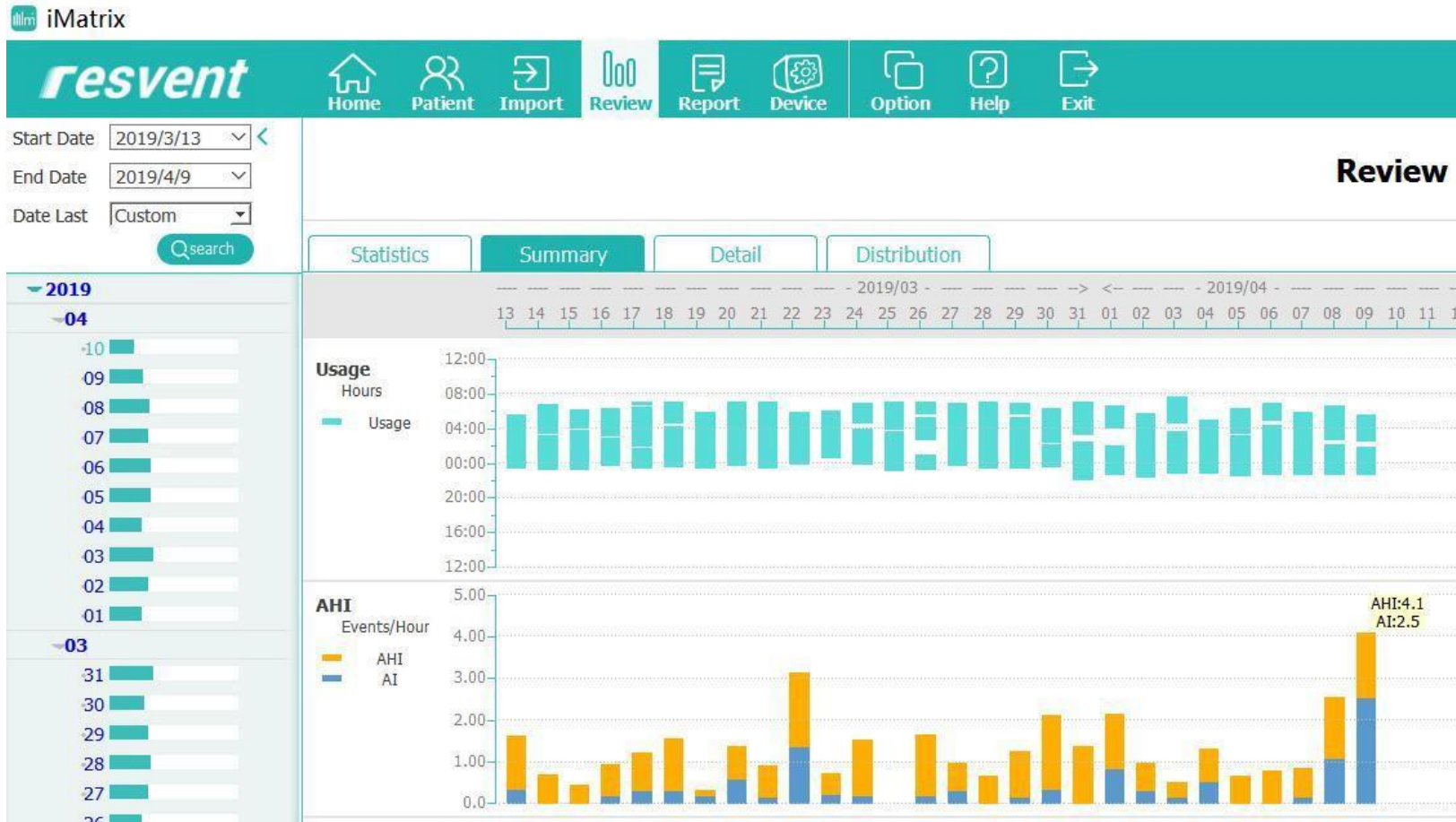
# iMatrix PC Software –Data Display

Select bar and the detailed data will be displayed



# iMatrix PC Software – Data Display

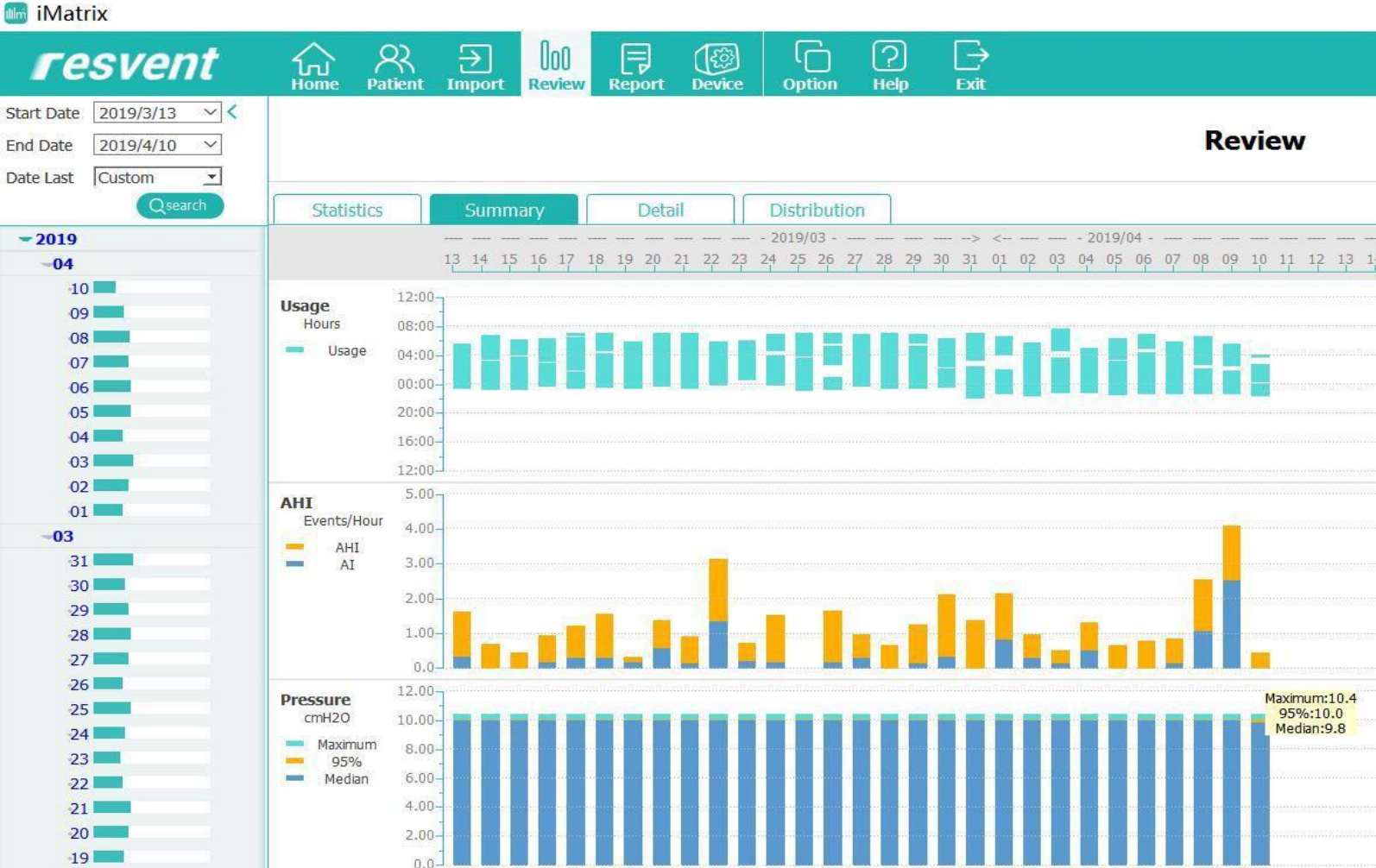
Use a dot or bar, to Display the AHI value





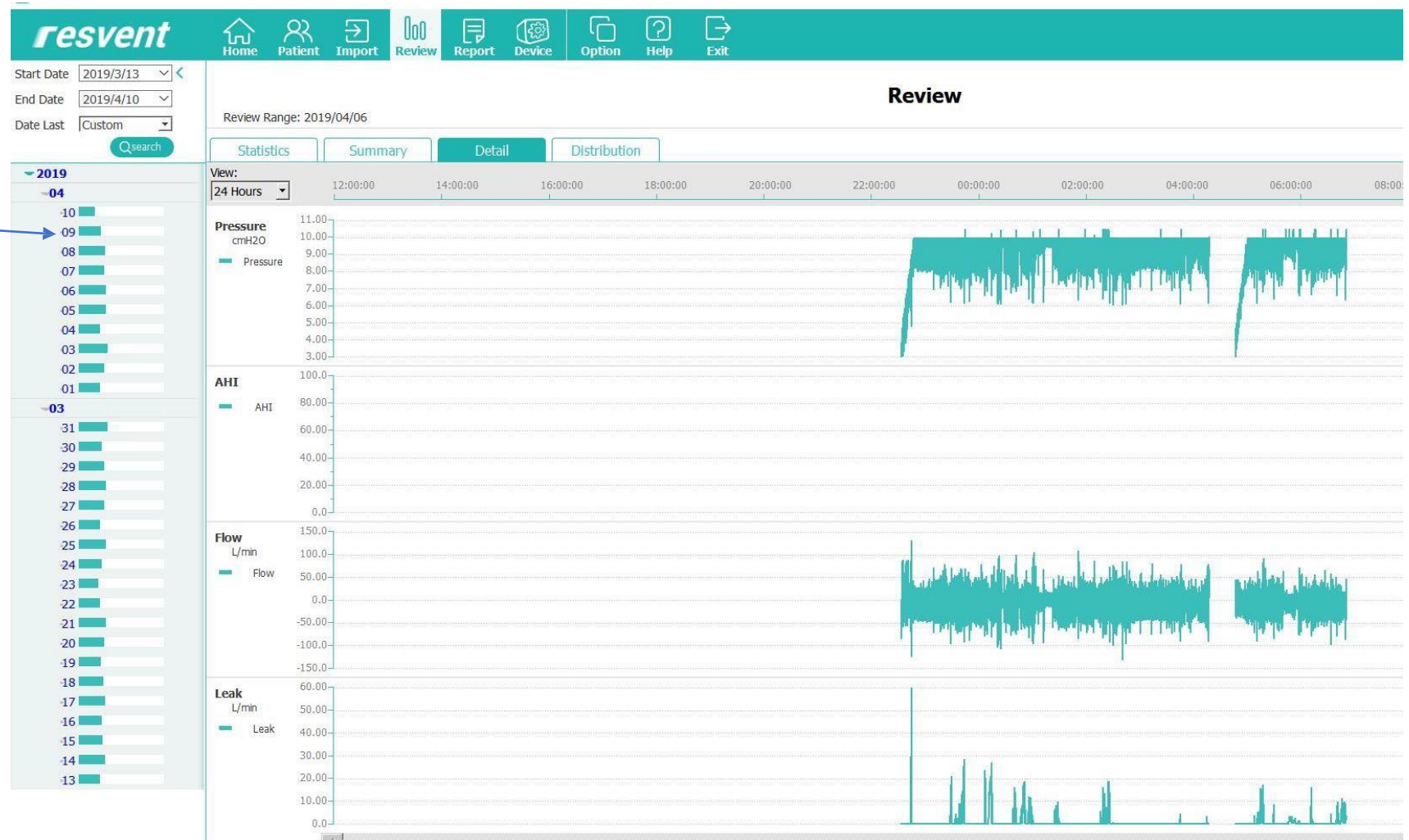
# iMatrix PC Software - Data Display

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 displays the iMatrix software interface. At the top, a menu bar includes 'Port', 'Device', 'Option', 'Help', and 'Exit'. The main window title is 'Review' and the therapy mode is 'CPAP'. A 'Graph settings' dialog box is open, showing a list of items to be displayed in the graph. The 'Items' list includes Respiratory Rate, Minute Ventilation, I:E Ratio, Tidal Volume, SpO2, and Pulse Rate. The 'Display items and order' list includes AHI, Pressure, Flow, Leak, and Events. The dialog box has 'Add', 'Remove', 'Up', and 'Down' buttons to manage the list. At the bottom of the dialog are 'Save' and 'Cancel' buttons. The background shows a time-based graph with data points.

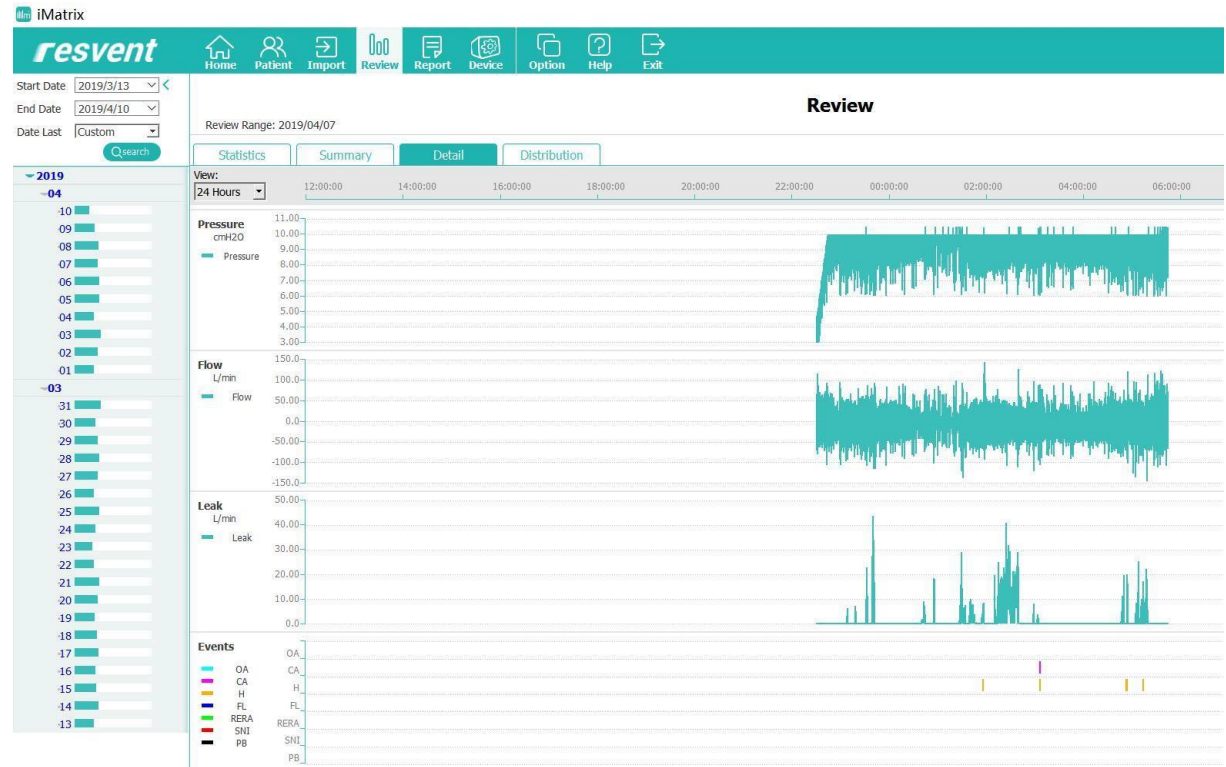
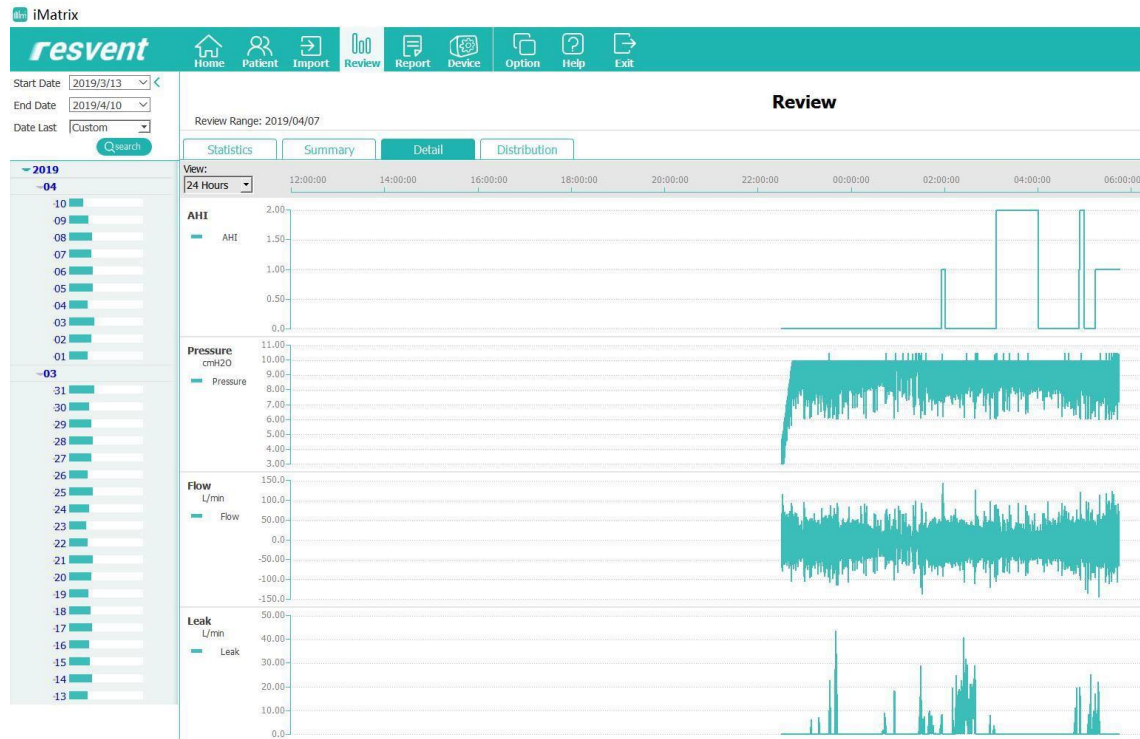
1. Click on the "Set Graphics" button

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

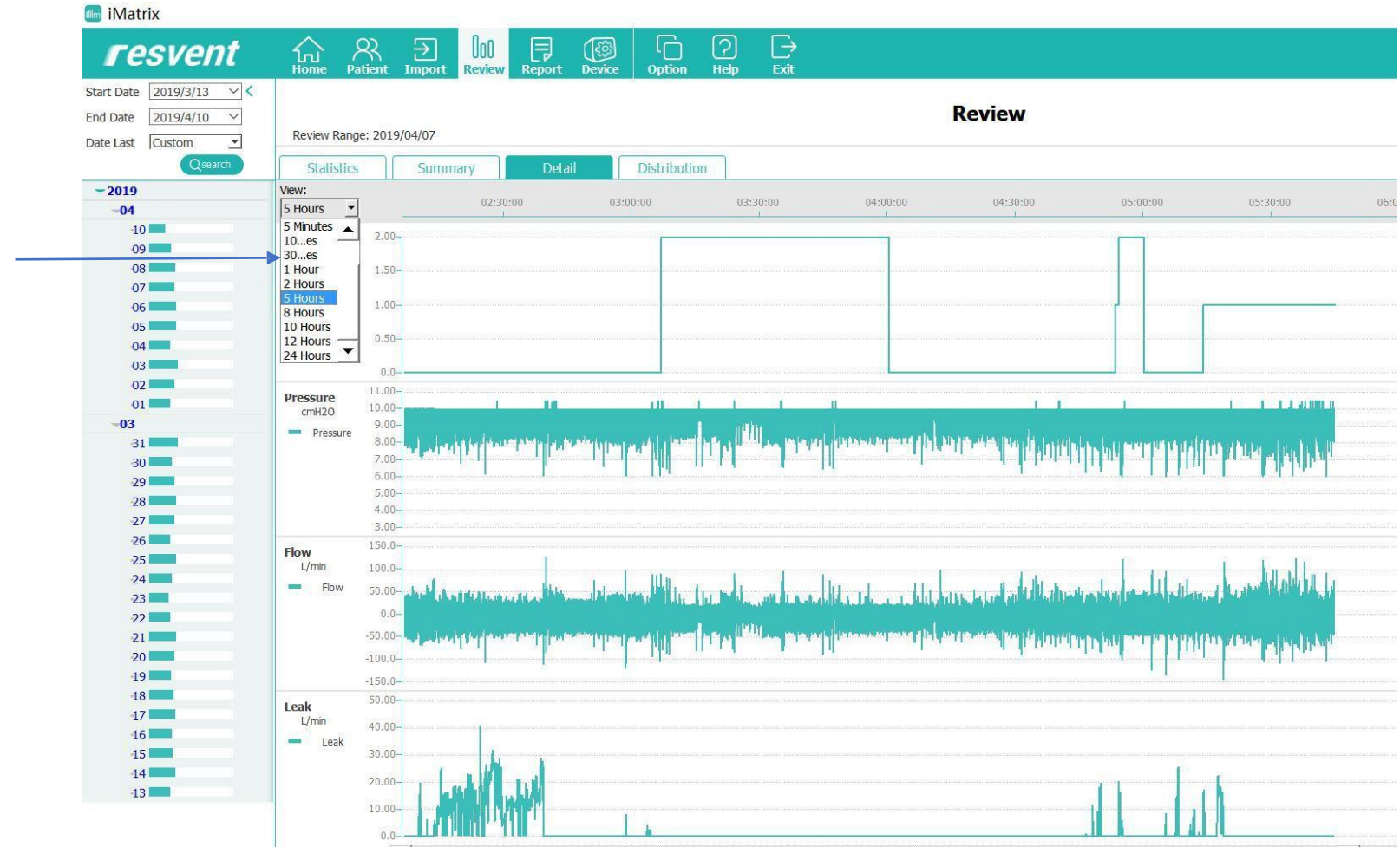
The chart will be displayed as selected



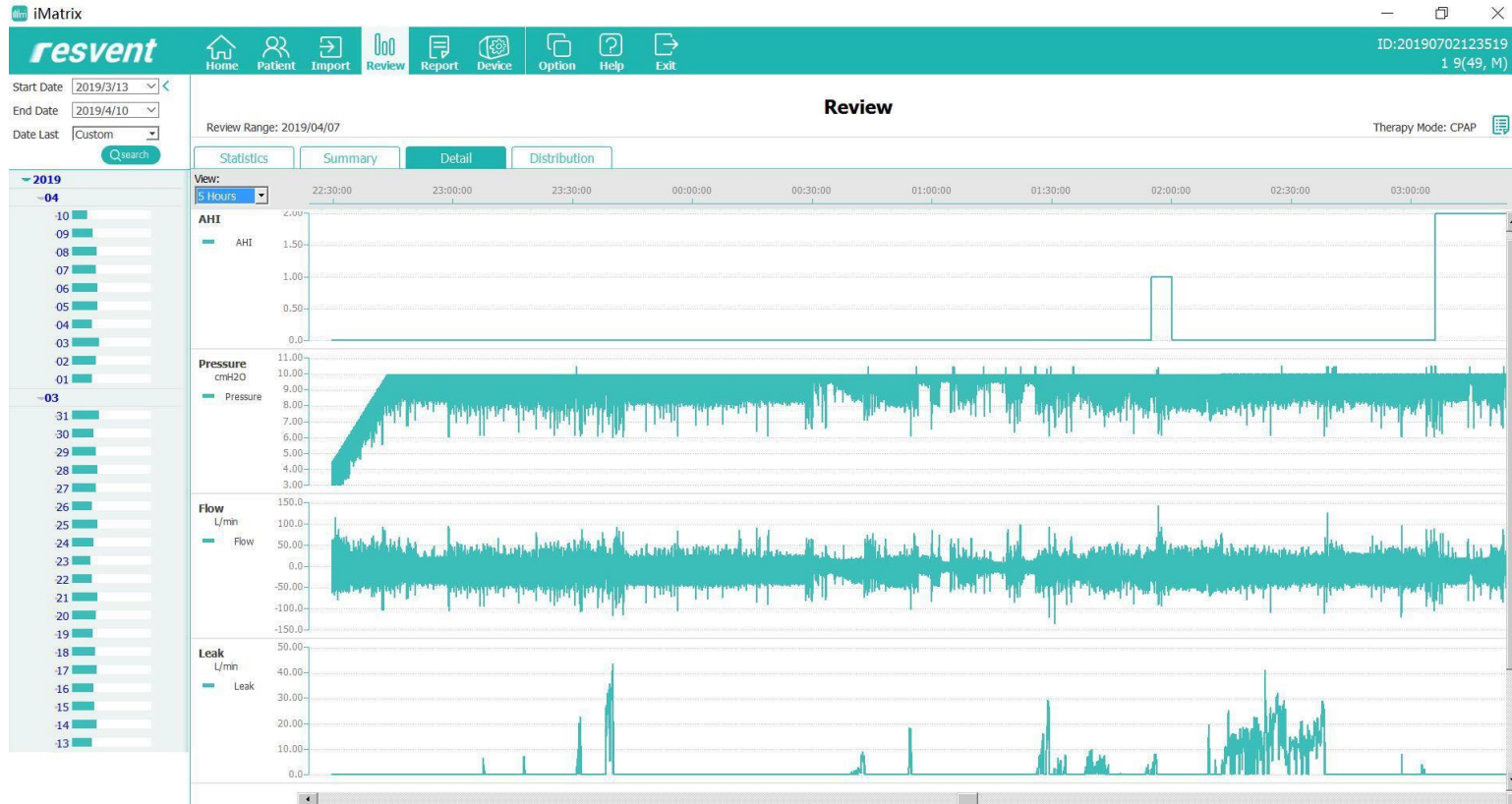
# iMatrix PC Software – Data Review

Analyze the chart

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



Scroll up and down and across to adjust the graph view

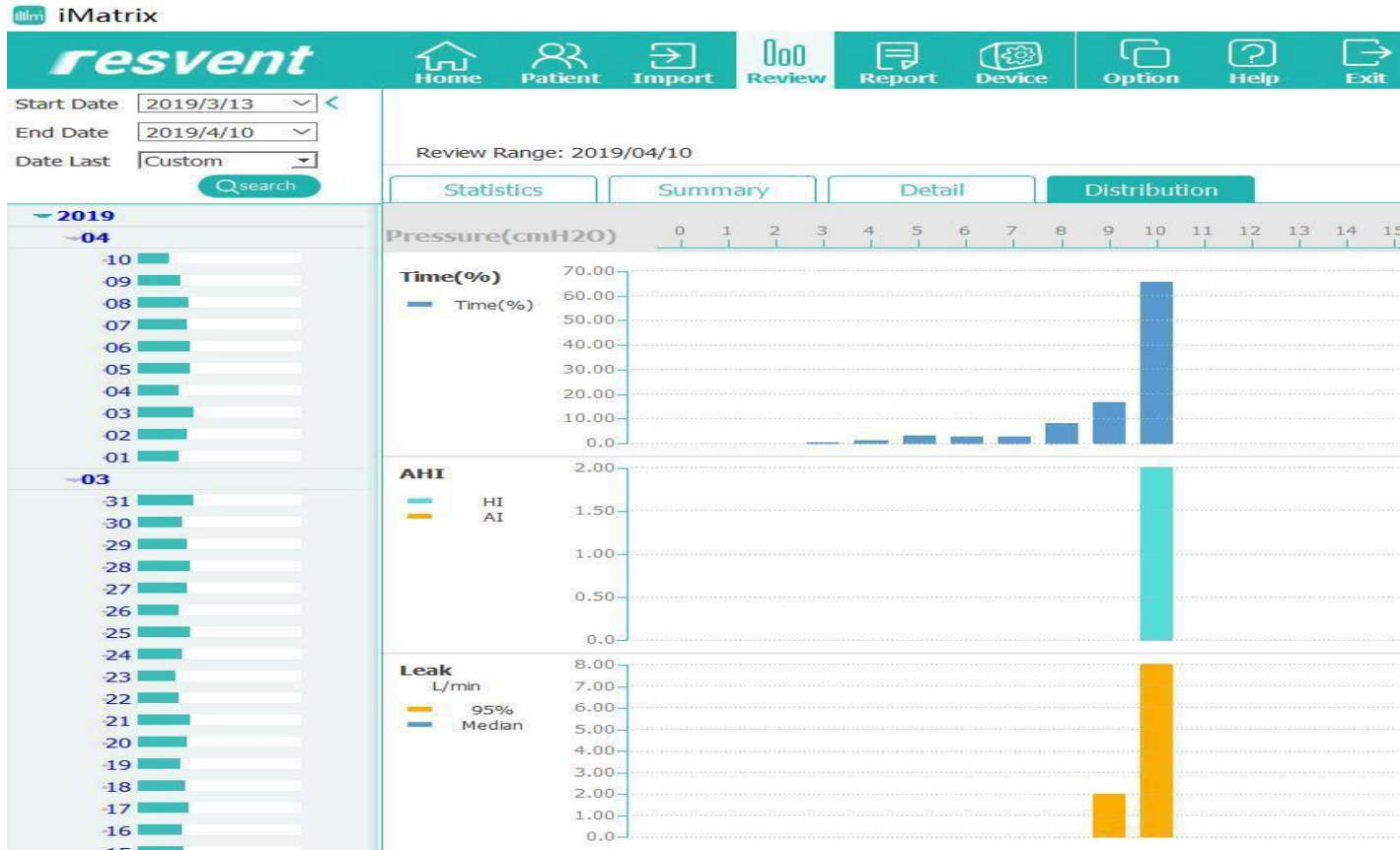


2. Scroll Down

3. Scroll Across

# iMatrix PC Software – Data Review

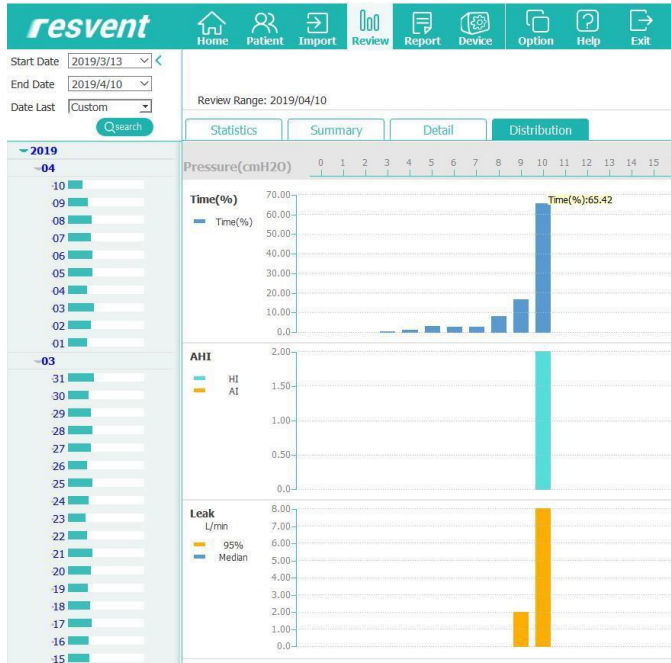
Click on Distribution



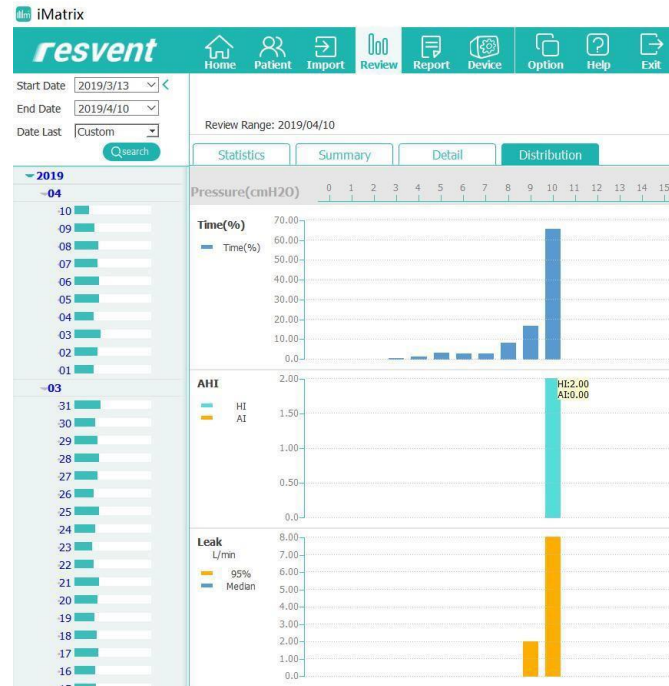
This will display Time, AHI and Leak.

# iMatrix PC Software - Interpretation

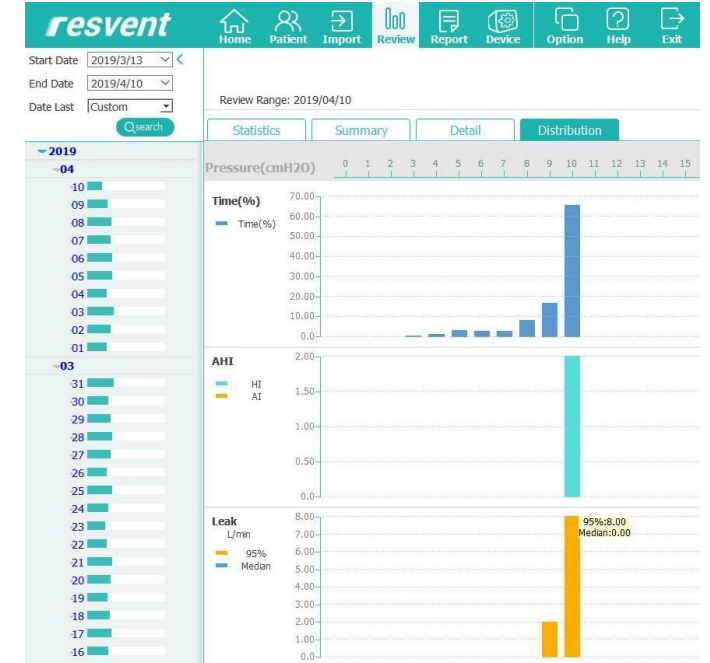
Below is an example of interpretation of the patient Data



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 active. On the left, a calendar for the year 2019 is shown, with the month of April (04) selected. Days from 01 to 10 are marked with green bars and checked boxes, indicating they are included in the report. A 'Confirm' button is located at the bottom of the calendar. On the right, the 'Report' section displays patient information, therapy settings, and statistics.

**Report Preview**

**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 PC Software interface. The top navigation bar includes icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The 'Report' menu is active. On the left, a calendar for 2019 shows the month of April (04) selected, with days 01 through 10 marked with green bars and checkboxes. The main area is titled 'Report Preview' and contains a 'Report' section. A patient information pop-up window is open over the 'Address' field, displaying 'Please waiting for loading .....'. 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:

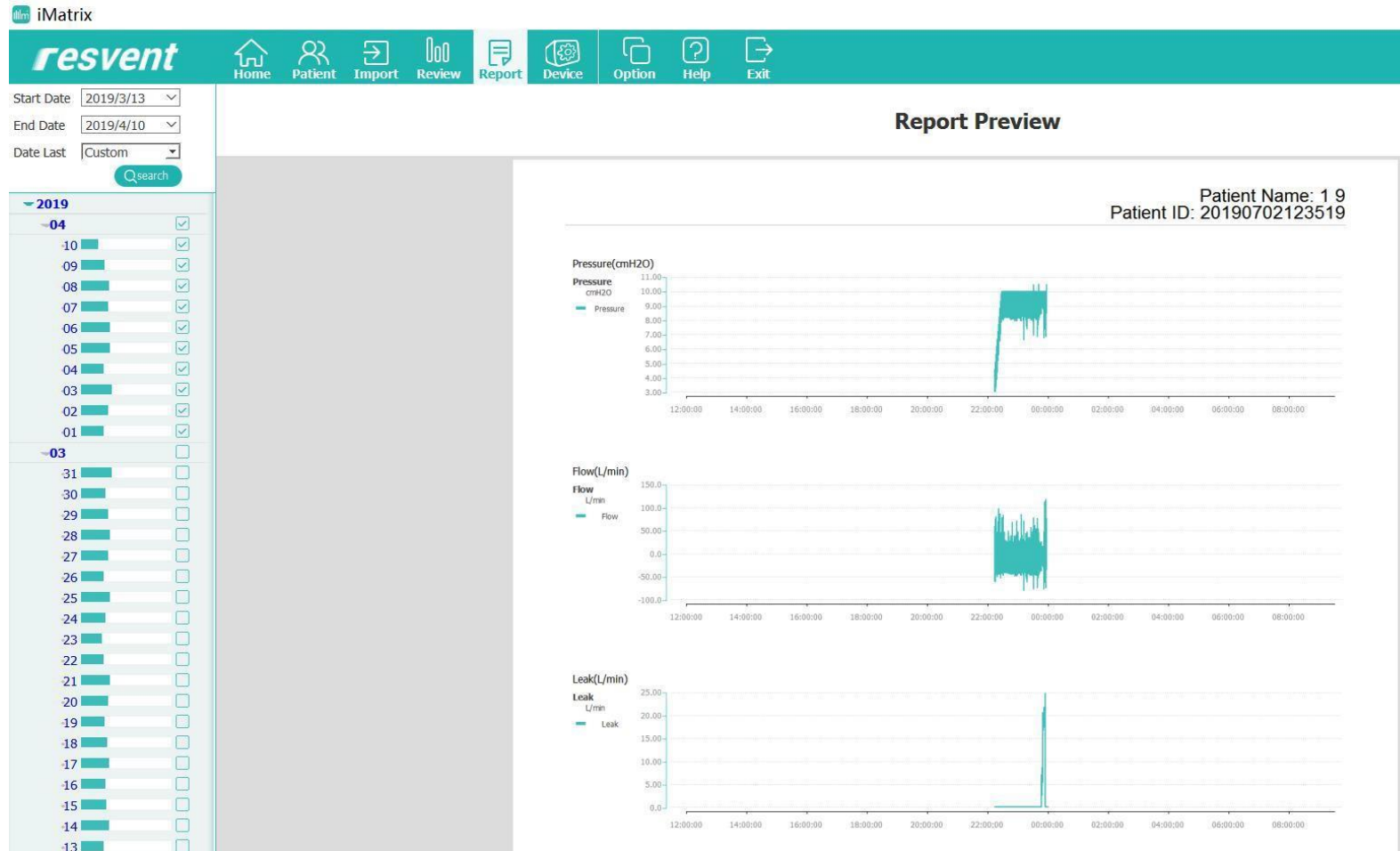
**Therapy Setting:**  
Therapy Mode: CPAP P Ramp: 4.0 cmH2O  
Therapy Device: iBreeze 20C(GB-2B017963) Tube Type: 15 mm  
Auto Start: ON iPR: 2 Level  
Auto Stop: ON RR Low: 0  
Auto Ramp: OFF RR High: 0  
Ramp Time: 15 Minutes Pressure: 10.0 cmH2O

**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. The main window is titled "Report Preview" and shows patient and therapy data. A modal dialog box titled "Please input your comment" is open, allowing the user to enter notes. The dialog has a text input field and "Save" and "Cancel" buttons. The background report shows patient information (Patient Name, Gender, Date of Birth, Address, Doctor Name) and therapy parameters (Therapy Mode, Therapy Date, Auto Start/Stop, Auto Ramp, Ramp Time, P Ramp, Tube Type, IPAP Max, IPAP Min, VT). Statistics for compliance (2017/12/26-2018/01/29) are also visible, including Days Selected (35 days), Days Used (2 days, 5.7%), Total Usage (0.2 hrs), and Average Usage (22 s).

**Patient**  
Patient Name: 80129163408  
Gender:  
Date of Birth:  
Address:  
Doctor Name:

**Therapy**  
Therapy Mode:  
Therapy Date:  
Auto Start/Stop:  
Auto Ramp: OFF  
Ramp Time: 0 Minute  
P Ramp: 4.0 cmH2O  
Tube Type: 19 mm  
IPAP Max: 12.0 cmH2O  
IPAP Min: 6.0 cmH2O  
VT: OFF

**Statistics**  
Compliance (2017/12/26-2018/01/29)  
Days Selected: 35 days  
Days Used: 2 days (5.7%)  
Total Usage: 0.2 hrs  
Average Usage(Days Selected): 22 s

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

iMatrix

resvent

Home Patient Import Review Report Device Option Help Exit

ID:20190702123519  
1 9(49, M)

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

Search

2019

04

10  
09  
08  
07  
06  
05  
04  
03  
02  
01

03

31  
30  
29  
28  
27  
26  
25  
24  
23  
22  
21  
20  
19  
18  
17  
16  
15

### Report Preview

Patient Name: 1 9  
Patient ID: 20190702123519

Pressure(cmH2O)

Pressure  
cmH2O

Flow(L/min)

Flow  
L/min

Leak(L/min)

Leak  
L/min

Export

(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

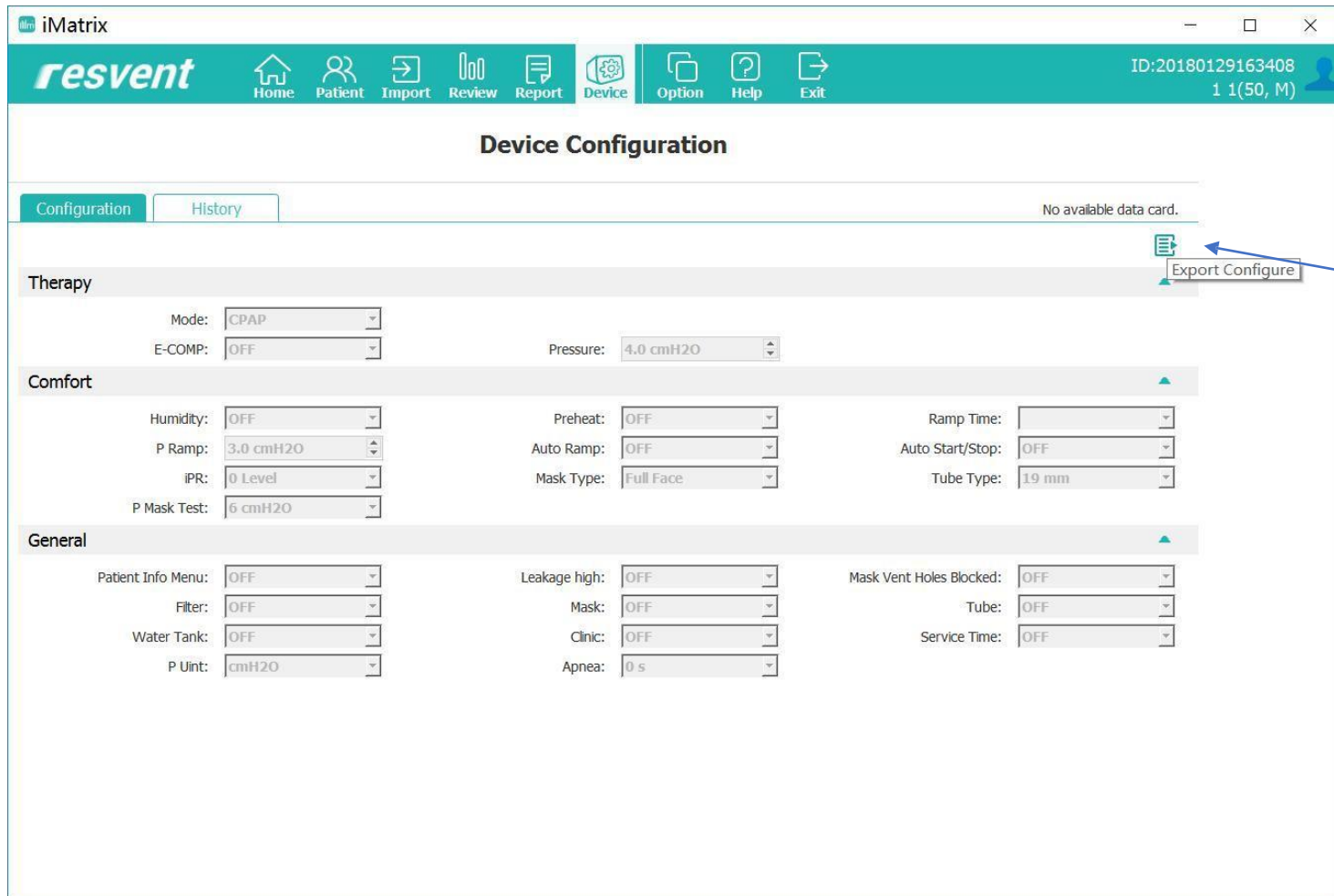
The screenshot displays the iMatrix PC software interface. At the top, there is a green navigation bar with the 'resvent' logo and icons for Home, Patient, Import, Review, Report, Device, Option, Help, and Exit. The patient information 'ID: 20190702123519' and '1 9(49, M)' is shown in the top right corner. On the left side, there are date selection fields for Start Date (2019/3/13), End Date (2019/4/10), and Date Last (Custom), along with a search button. Below these is a list of dates from 2019-04 to 2019-02, each with a checkbox. The main area is titled 'Report Preview' and shows a graph for 'Pressure(cmH2O)' and 'Flow(L/min)'. A 'Report Setting' dialog box is open in the center, with fields for 'Paper Type' (set to A4), 'Report Title' (set to Report), and 'Hospital Logo'. The dialog has 'Save' and 'Cancel' buttons at the bottom. A blue arrow points from the 'Settings Button' callout to the settings icon in the top right of the report preview area.

(Settings Button)

Select Paper Type

# iMatrix PC Software – Changing the Device Settings

## Device Configuration Interface



iMatrix

resvent

Home Patient Import Review Report Device Option Help Exit

ID:20180129163408  
1 1(50, M)

### Device Configuration

Configuration History

No available data card.

Export Configure

**Therapy**

Mode: CPAP  
E-COMP: OFF  
Pressure: 4.0 cmH2O

**Comfort**

Humidity: OFF  
Preheat: OFF  
Ramp Time: [blank]  
P Ramp: 3.0 cmH2O  
Auto Ramp: OFF  
Auto Start/Stop: OFF  
IPR: 0 Level  
Mask Type: Full Face  
Tube Type: 19 mm  
P Mask Test: 6 cmH2O

**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  
Service Time: 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



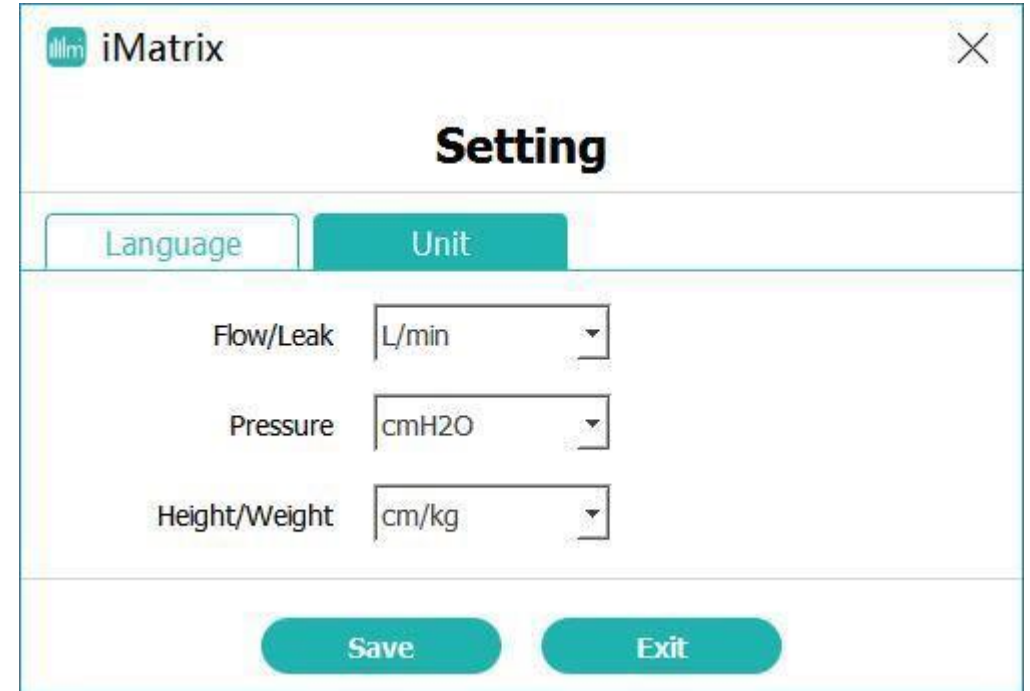
# iMatrix PC Software – Setting Options

## Options interface



The screenshot shows the 'Setting' window in the iMatrix software. The 'Language' tab is selected and highlighted in teal. Below the tabs, there is a 'Language' label followed by 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 in the iMatrix software. The 'Unit' tab is selected and highlighted in teal. Below the tabs, 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