



iMatrix Setup

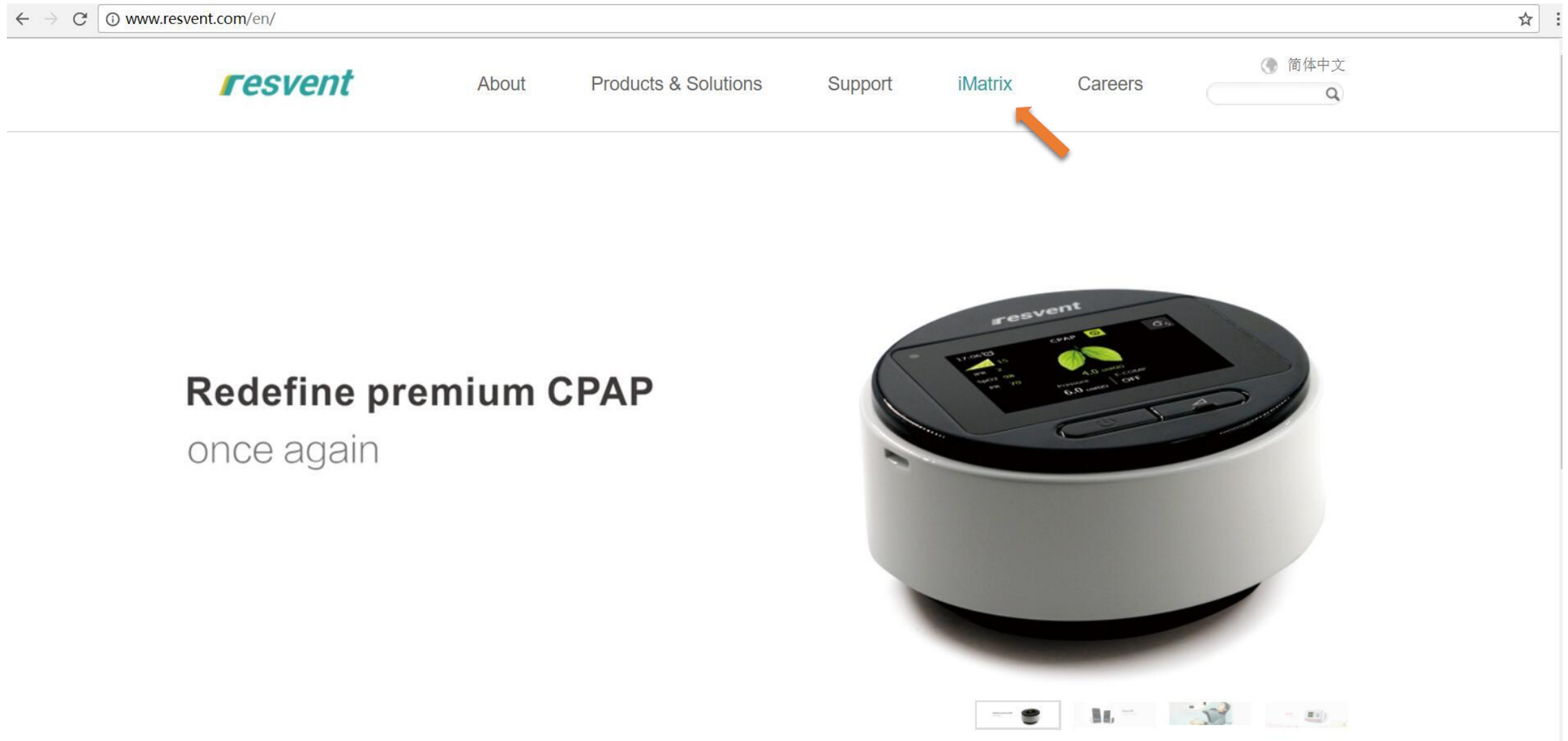
Resvent Medical Technology Co., Ltd.



Company Account Setup on Cloud

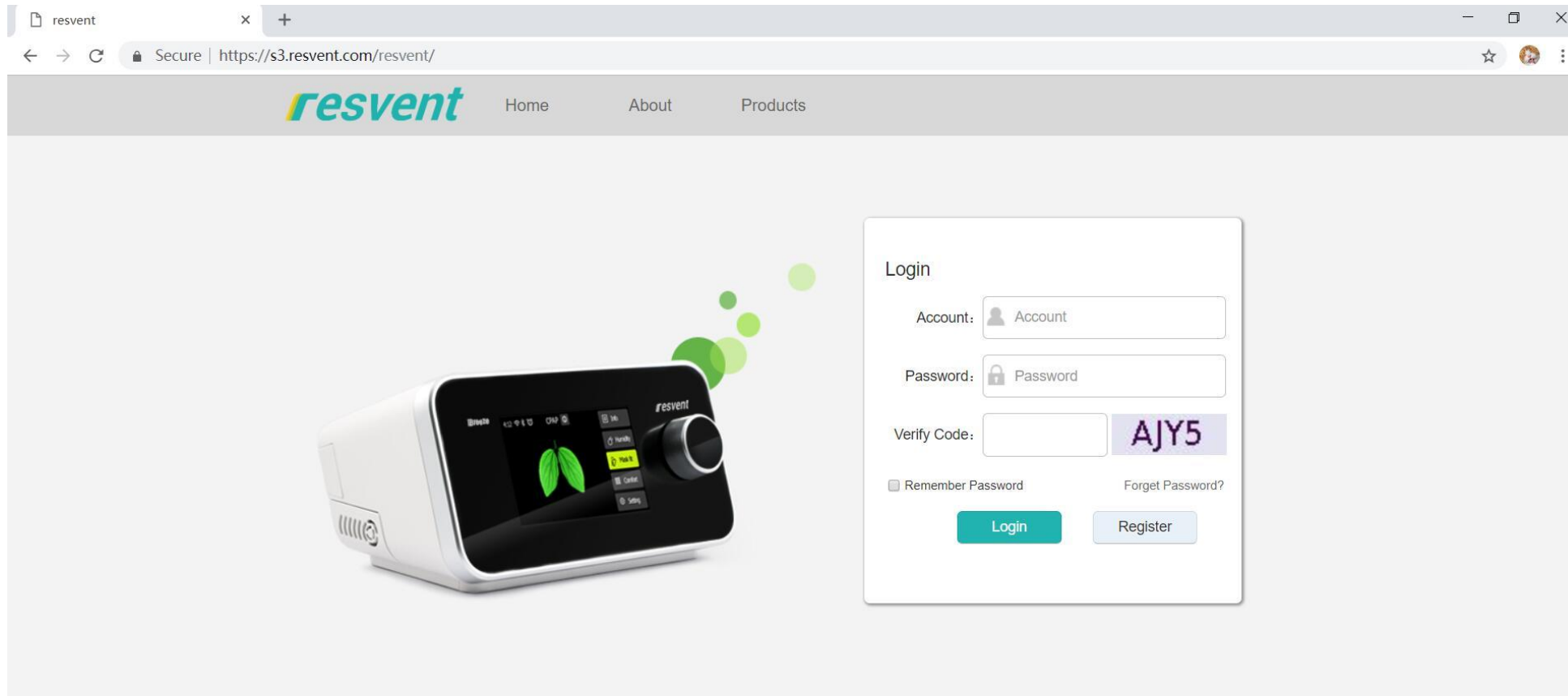


➤ Load Website: <https://s3.resvent.com> or Resvent website by clicking “iMatrix”





➤ Input account name and password which receive from Resvent to login





➤ After login, the device info. Doctor, patient, report setting can be set

The screenshot shows a web browser window with the URL `server2.resvent.com:8080/resvent/main/index`. The application header includes the **resvent** logo and a user profile with the name "Hi". A left sidebar contains navigation items: Device, Doctor, Patient, Report Settings, Registration, Message Center, User, My Information, and System Log. The main content area is titled "Device" and features a search bar with a "Search" button and an "Add Device" button. Below the search bar is a table with the following columns: Device SN, Device Model, Version, State, Assigned, Institution, Doctor, patient, Create time, and Operation. The table currently displays the text "Found Nothing".

Device SN	Device Model	Version	State	Assigned	Institution	Doctor	patient	Create time	Operation
Found Nothing									

iMatrix Company Account Setup



➤ The device sn and model are previously added when they are out of the factory

resvent 0

Device ×

Pirossigeno srl Search Single Assign Batch Assign

Device SN	Device Model	Version	State	Assigned	Institution	Doctor	Patient	Create Time	Operation
GB-2B007898	iBreeze 25STA		offline	No				2018-07-17 11:35:55	View Edit
GB-2B007899	iBreeze 25STA		offline	No				2018-07-17 11:35:55	View Edit
GB-2B007901	iBreeze 25STA		offline	Yes			Cerrone Antonio	2018-07-17 11:35:55	View Edit
GB-2B007900	iBreeze 25STA		offline	No				2018-07-17 11:35:55	View Edit
GB-2B007902	iBreeze 25STA		offline	No				2018-07-17 11:35:55	View Edit
GB-2B007885	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007891	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007886	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007895	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007887	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007896	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007883	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007889	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007897	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit
GB-2B007884	iBreeze 25STA		offline	No				2018-07-17 11:35:54	View Edit

Navigation Menu: Device, Doctor, Patient, Report Settings, Institution, Registration, Message Center, User, My Information, Storekeeper, Service Engineer, Help, System Log

iMatrix Company Account Setup



- Click Add doctor and follow the instruction to add a doctor account.
- Doctor account user name is created and password is doctor's last six digit phone number

The screenshot shows the 'resvent' web application interface. The browser address bar displays 'server2.resvent.com:8080/resvent/main/index'. The left sidebar contains a menu with options: Device, Doctor (highlighted), Patient, Report Settings, Registration, Message Center, User, My Information, and System Log. The main content area shows a search bar with 'Keyword' and buttons for 'Search' and 'Add Doctor'. An orange arrow points to the 'Add Doctor' button. Below the search bar, there are columns for 'DoctorID', 'DoctorName', and 'Organization', with the text 'Found Nothing' displayed.

The screenshot shows the 'Add Doctor(*)' form in the 'resvent' web application. The browser address bar displays 'server2.resvent.com:8080/resvent/main/index'. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Add Doctor(*)' and contains two sections: 'User Information' and 'Contact information'. The 'User Information' section includes fields for 'User Name', 'First Name', 'Last Name', 'Institution' (dropdown menu with 'SMC' selected), 'Organization Type' (dropdown menu with 'Hospital' selected), 'Job Title', and 'Time Zone' (dropdown menu with 'Asia/Shanghai' selected). There is a 'Select Picture' button next to a placeholder image. The 'Contact information' section includes fields for 'Phone Number', 'E-mail Address', 'Country/Region' (dropdown menu with 'Afghanistan' selected), 'State/Province', 'City/Suburb', 'Street Address', and 'Zip/Postal Code'. An orange arrow points to the 'Phone Number' field.

iMatrix Company Account Setup



➤ Click add patient button to add a new patient

The screenshot shows the Resvent web application interface. The browser address bar displays the URL <https://s3.resvent.com/resvent/main/index>. The application header includes the Resvent logo and user profile information. A sidebar menu on the left contains navigation options: Device, Doctor, Patient (highlighted), Report Settings, Institution, Registration, Message Center, User, My Information, Storekeeper, Service Engineer, Help, and System Log. The main content area features a search bar with a 'Keyword' input field, a 'Search' button, and an 'Add Patient' button. An orange arrow points to the 'Add Patient' button. Below the search bar is a table with the following columns: Patient ID, Patient Name, Gender, Age (years), Height(cm), Weight(kg), BMI, Device Type, Device SN, DoctorBase Info, State, and Operation. The table contains six rows of patient data. At the bottom right, there is a pagination control showing 'Total 6 Items', 'page Go', 'First', 'Prev', '1', 'Next', 'Last', and '15'.

Patient ID	Patient Name	Gender	Age (years)	Height(cm)	Weight(kg)	BMI	Device Type	Device SN	DoctorBase Info	State	Operation
31537294300		Male	0(years)	(cm)	(kg)	0.0	iBreeze 20A	GB-2B007422		offline	Edit Delete View Send Message Health Record
31536833673		Male	0(years)	(cm)	(kg)	0.0	iBreeze 20A	GA-1A001254		offline	Edit Delete View Send Message Health Record
31536833483		Male	0(years)	(cm)	(kg)	0.0	iBreeze 20A	GB-2B010291		offline	Edit Delete View Send Message Health Record
31536832500		Male	0(years)	(cm)	(kg)	0.0	iBreeze 20A	GB-2B010290		online	Edit Delete View Send Message Health Record
31528817574		Male	73(years)	(cm)	(kg)	0.0	iBreeze 20A	GB-2B007386		offline	Edit Delete View Send Message Health Record
31523700934		Male	78(years)	(cm)	(kg)	0.0	iBreeze 20A	GB-2B007388		offline	Edit Delete View Send Message Health Record

iMatrix Company Account Setup



- Create a username for a patient
- Use the patient's last six digits numbers as initial password for login
- Categorize patient under existing doctor account

resvent

Patient

Height(cm)

Weight(kg)

Time Zone

Instant Messaging

Title

Remark

Contact Info

E-mail Address

Primary Phone

Alternate Phone

resvent

Patient

Institution

Device SN

Device Model

Mask Type

Medical Type

Treating Doctor

Insurance Company

Insurance Number

Payer

Health Information

Please select any of the health issues you may have:

- Obstructive Sleep Apnea Hypopnea Syndrome (OSAHS)
- Central Sleep Apnea Hypopnea Syndrome (CSAHS)

iMatrix Company Account Setup



- Institution=sub distributors which allowed to create its doctor, patient or its distributor's accounts
- Click add institution to add sub-dealer
- Use the last six digit phone number as initial password

The screenshot shows the 'resvent' application interface. On the left is a navigation menu with options: Device, Doctor, Patient, Report Settings, **Institution** (highlighted), Registration, Message Center, User, My Information, Storekeeper, Service Engineer, Help, and System Log. The main content area is titled 'Institution' and contains a search bar with a 'Keyword' field, a 'Search' button, and an 'Add Institution' button. Below the search bar is a table with columns: Institution ID, Institution Name, Office Phone, Fax, and Cc. The table currently displays 'Found Nothing'. An orange arrow points to the 'Add Institution' button.

The screenshot shows the 'resvent' application interface for editing an institution. The left navigation menu is the same as in the previous screenshot. The main content area is titled 'Edit Institution' and has a 'Base Info' section. The form contains the following fields: 'User Name' (required), 'Institution' (required), 'First Name', 'Last Name', 'Regions' (required), 'Phone Number' (required, highlighted with an orange arrow), 'E-mail Address' (required), 'Fax', 'Country/Region' (dropdown menu with 'Afghanistan' selected), and 'State/Province'.

iMatrix Company Account Setup



- Institution=sub distributors which allowed to create its doctor, patient or its distributor's accounts
- Click add institution to add sub-dealer
- Use the last six digit phone number as initial password

The screenshot shows the 'resvent' web application interface. On the left is a navigation menu with options: Device, Doctor, Patient, Report Settings, **Institution** (highlighted), Registration, Message Center, User, My Information, Storekeeper, Service Engineer, Help, and System Log. The main content area is titled 'Institution' and contains a search bar with a 'Keyword' field, a 'Search' button, and an 'Add Institution' button. An orange arrow points to the 'Add Institution' button. Below the search bar is a table with columns: Institution ID, Institution Name, Office Phone, Fax, and Cc. The table currently displays 'Found Nothing'.

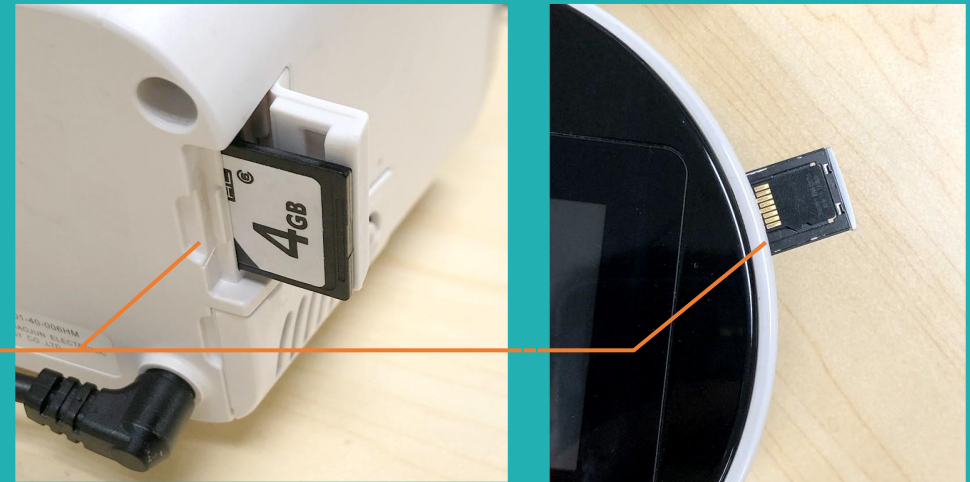
The screenshot shows the 'resvent' web application interface for editing an institution. The left navigation menu is the same as in the previous screenshot. The main content area is titled 'Edit Institution' and has a 'Base Info' section. The form contains the following fields: 'User Name' (required), 'Institution' (required), 'First Name', 'Last Name', 'Regions' (required), 'Phone Number' (required, highlighted with an orange arrow), 'E-mail Address' (required), 'Fax', 'Country/Region' (dropdown menu with 'Afghanistan' selected), and 'State/Province'.



SD Card Upload



Take out the SD Card





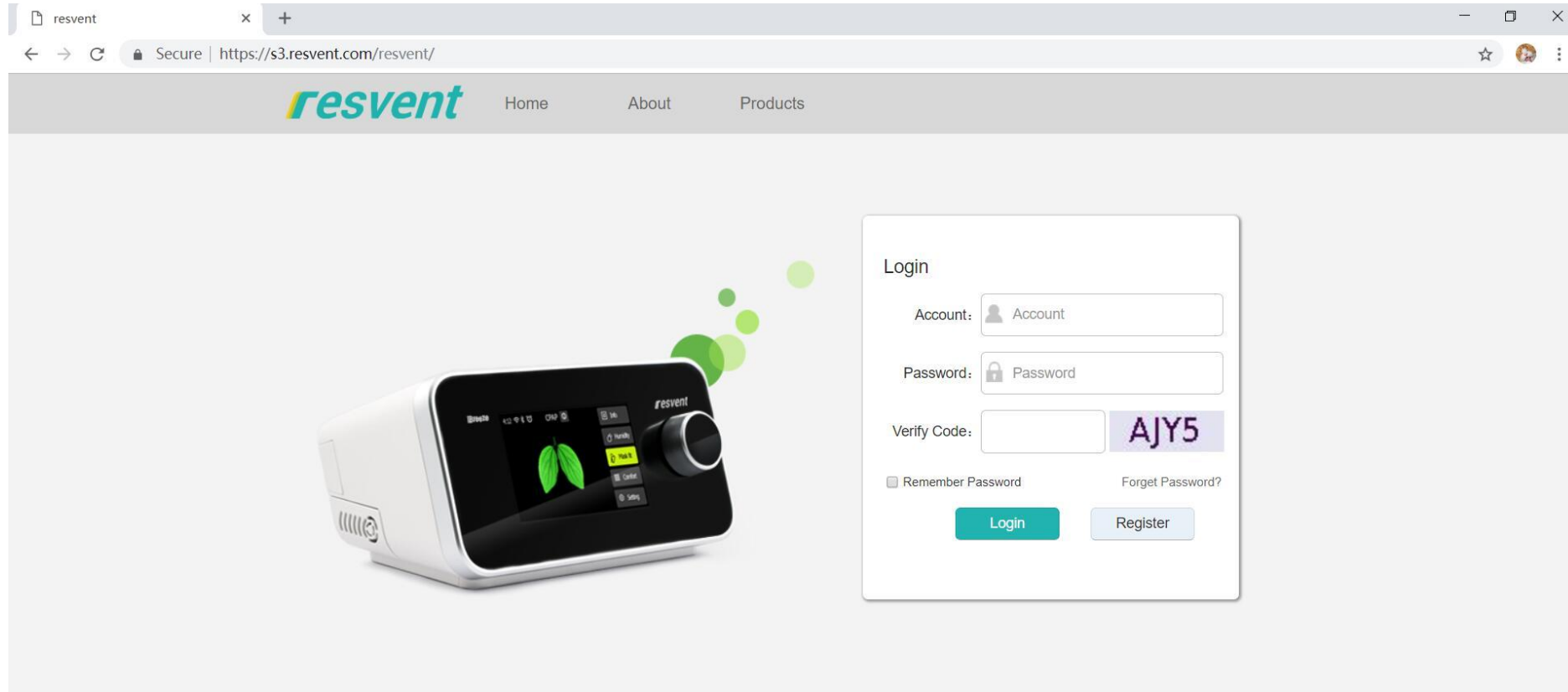
**Insert the card
to a computer**



iMatrix Company Account Setup



- Input patient account name and password to operated for one patient
- or input Company account and password to operated for the patients





➤ Click patient interface, select a patient account and click Upload SDCard bar

resvent 0 Hi ██████████

Patient ✖

Keyword Search Add Patient Upload SD Data

Patient ID	Patient Name	Gender	Age (years)	Date last used	Last usage	Device Type	Device SN	Doctor Base Info	State	Operation
31547214695	██████████	Male	43(years)	24/07/2019	6 hrs 29 mins	iBreeze 20A	GB-2B019748	Humberto Gomes	Offline	Edit Delete View Send Message Health Record 30 Day Report

Total 1 Items page Go First Prev 1 Next Last 15



➤ Click Upload, Select the loading path to “Theray” from the SD Card and click “Upload”

The screenshot shows the 'resvent' web interface. On the left is a navigation menu with options like 'Device', 'Patient', 'Patient Log', 'Doctor', 'Institution', 'Therapy Alert', 'Message Center', 'Service Engineer', 'Storekeeper', 'Registration', 'User', 'My Information', 'Report Settings', 'Help', and 'System Log'. The main content area is titled 'Upload SD data' and includes a search bar, a 'Search' button, and an 'Upload data' button with an orange arrow pointing to it. Below the buttons is a table with columns for 'No', 'Patient', and 'Upload Time'.

The screenshot shows a Windows file explorer window titled '浏览文件夹' (Browse folders). The window displays a tree view of folders. The 'SDXC (D:)' drive is expanded, showing folders like 'DCIM' and 'THERAPY'. The 'THERAPY' folder is selected, indicated by an orange arrow. Below the tree view, the '文件夹(F):' (Folder) field shows 'SDXC (D:)', and the 'Upload' button is highlighted with an orange arrow.



➤ The Web will ask you to confirm again

The screenshot shows a web browser window with the URL <https://s3.resvent.com/ResAssist/main/index>. The application interface includes a sidebar with navigation options like Device, Patient, Patient Log, Doctor, Institution, Therapy Alert, Message Center, Service Engineer, Storekeeper, Registration, User, My Information, Report Settings, Help, and System Log. The main content area is titled "Upload SD data" and features a search bar and an "Upload data" button. A modal dialog box is displayed in the center, asking "Upload 1,123 files to this site?" and providing a warning: "This will upload all files from 'THERAPY'. Only do this if you trust the site." The dialog has "Upload" and "Cancel" buttons. Below the dialog, a table with columns "No", "Patient", "Upload Time", "Upload Period", "Operator", "Status", and "Operation" is visible, showing a single row with the text "Found Nothing".

No	Patient	Upload Time	Upload Period	Operator	Status	Operation
Found Nothing						



➤ You can also delete or revoke the upload data

Upload SD data

[Back](#)[Search](#)[Upload data](#)

No	Patient	Upload Time	Upload Period	Operator	Status	Operation
1	[REDACTED]	2019-08-12 07:15:46	2019-07-25 03:27:32 - 2019-08-11 16:16:04	[REDACTED]	15 days uploaded 0 days failed	Detailed record Revoke
2	[REDACTED]	2019-08-11 00:29:35	2019-08-09 19:44:36 - 2019-08-10 19:21:49	[REDACTED]	1 days uploaded 0 days failed	Detailed record Revoke
3	[REDACTED]	2019-08-10 15:01:44	2019-07-23 10:22:17 - 2019-08-10 09:50:49	[REDACTED]	19 days uploaded 0 days failed	Detailed record Revoke

Total 3 Items page [Go](#) [First](#) [Prev](#) 1 [Next](#) [Last](#) 15 ▼



➤ The Web will check SN respect to patient account. If the Info. does not match, Upload cannot start.

The screenshot shows a web browser window with the URL `https://s3.resvent.com/ResAssist/main/index`. The application interface includes a teal header with the `resvent` logo and a sidebar menu with options like `Device`, `Patient`, `Patient Log`, `Doctor`, `Institution`, `Therapy Alert`, `Message Center`, `Service Engineer`, `Storekeeper`, `Registration`, `User`, `My Information`, `Report Settings`, `Help`, and `System Log`. The main content area is titled `Upload SD data` and features a `Keyword` input field, `Search` and `Upload data` buttons, and a table with columns `No`, `Patient`, `Upload Time`, `Operator`, `Status`, and `Operation`. A modal dialog box is displayed in the center, containing the text: "SD card GB-2B017963 does not belong to the current institution, please insert the appropriate SD card" and a `Confirm` button.



Web Report



➤ Log into a doctor or company account, then select a patient to view the report

The screenshot shows the resvent web application interface. The browser address bar displays `https://s3.resvent.com/resvent/main/index`. The application header includes the resvent logo, a notification icon with '0', and a user profile for 'Hi,shiyisheng'. A sidebar on the left contains navigation options: Home, Patient (selected), My Information, Message Center, Therapy Alert, and Help. The main content area features a search bar and an 'Add Patient' button above a table of patient records.

Patient ID	Patient Name	Gender	Age (years)	Date last used	Last usage	Device Type	Device SN	State	Operation
31533262183	哑口无言1234WFd 哑口无言1234WFd	Male	28(years)		0 hrs 0 mins	iBreeze Tech	OB-9F020305	offline	Edit Delete View Send Message Health Record
31528340497	te1 test1	Male	9(years)		0 hrs 0 mins			offline	Edit Delete View Send Message Health Record
31524648131	132 1	Male	22(years)		0 hrs 0 mins	iBreeze 20C	YU-3D554124	offline	Edit Delete View Send Message Health Record
31524648011	541 111	Male	5(years)		0 hrs 0 mins			offline	Edit Delete View Send Message Health Record
31524643866	15 15	Male	54(years)		0 hrs 0 mins	iBreeze 20C	UH-7D021500	offline	Edit Delete View Send Message Health Record
31524641686	123456 123456	Male	0(years)		0 hrs 0 mins			offline	Edit Delete View Send Message Health Record
31524641253	dsaf dsaf	Male	0(years)		0 hrs 0 mins			offline	Edit Delete View Send Message Health Record
31515727128	你好	Male	0(years)		0 hrs 0 mins	iBreeze 20C	GB-7B021345	offline	Edit Delete View



ResAssist x +
https://s3.resvent.com/ResAssist/main/index

resvent

Therapy Alert Patient

patient234001 Gender: Male Age (years): -- Device: iBreeze 20C Pro Patient Setup Date: 03/08/2016

Review

Show style: CPAP/APAP BPAP Day Week 2 weeks Month 2 months 3 months Year End by: 13/12/2016

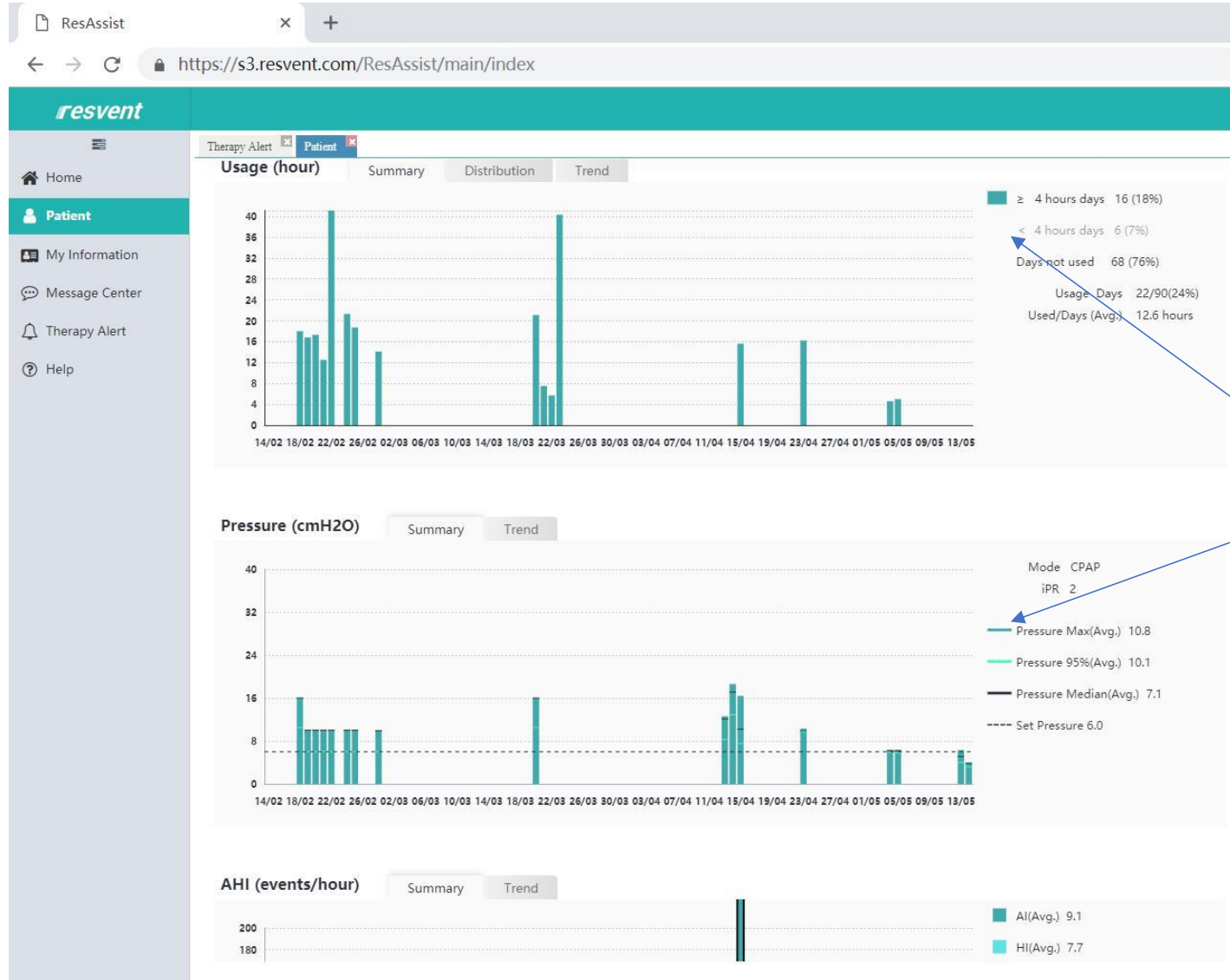
Usage (hour) Summary Distribution Trend

Usage Category	Count	Percentage
≥ 4 hours days	17	28%
< 4 hours days	10	17%
Days not used	33	55%

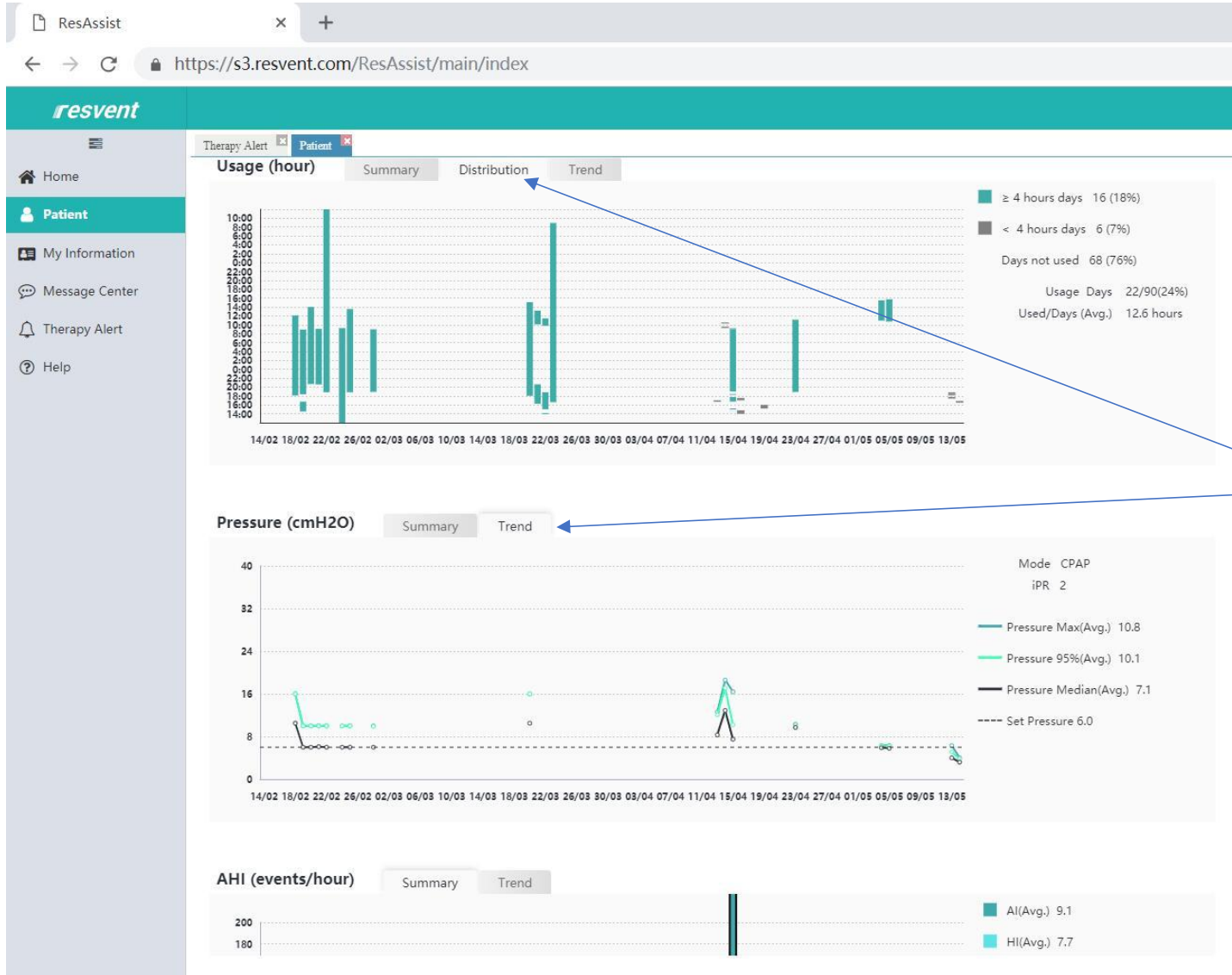
Pressure (cmH2O) Summary Trend

➤ Select last use date

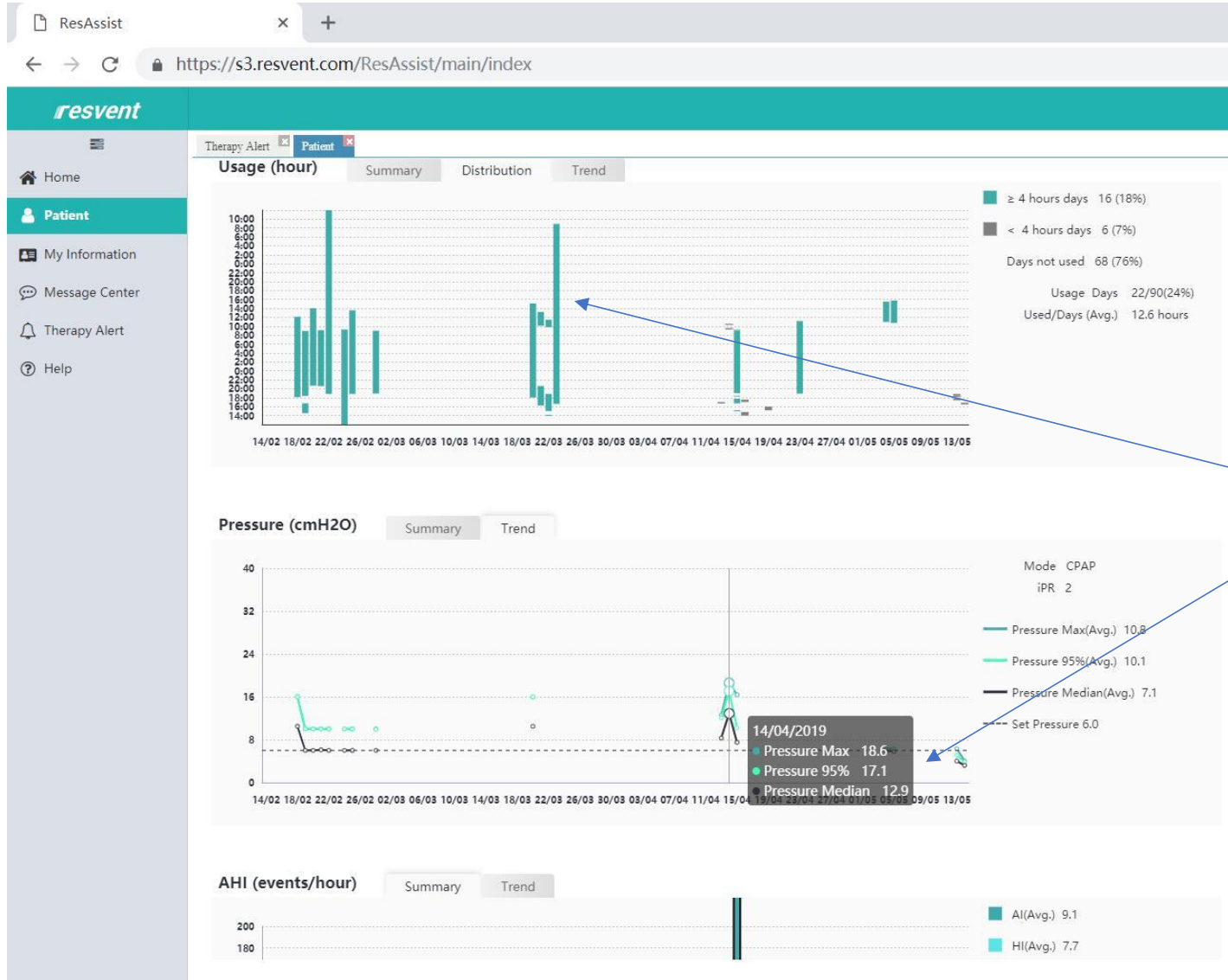
➤ Select time period



➤ Click on the symbol to select whether to appear in the chart



➤ Click on the symbol to select Info. form to appear in the chart



➤ move mouse pointer to any date data, the detail information will show up

iBreeze Series Training



- Click “create report” button.
- Then Click “ok” to wait for few seconds allow the web to load report

The screenshot shows the ResAssist web application interface. The browser address bar displays <https://s3.resvent.com/ResAssist/main/index>. The application header includes the 'resvent' logo and a user profile for 'Hi,shiyisheng'. The main content area is titled 'Patient' and displays the following information:

Gender	Age (years)	Device	Patient Setup Date
Female	0	RXiBreeze 20C Plus	17/02/2019

Below the patient information, there is a 'Review' section with a 'Show style' dropdown set to 'CPAP/APAP' and 'BPAP'. The time range is set to '3 months' ending on '14/05/2019'. A 'Create Report' button is visible.

The 'Usage (hour)' section shows a bar chart with a 'Loading Report' dialog box overlaid. The dialog box contains a checkmark icon and the text 'Loading Report' with an 'OK' button.

The 'Pressure (cmH2O)' section shows a line graph with the following data points:

Mode	CPAP	iPR
Pressure Max(Avg.)	10.8	
Pressure 95%(Avg.)	10.1	
Pressure Median(Avg.)	7.1	



➤ Slect report type, Compliant, Therapy of combination

ResAssist x +
https://s3.resvent.com/ResAssist/main/index

resvent Hi,shiyisheng

Therapy Alert Patient

Home Patient My Information Message Center Therapy Alert Help

Report range: 15/09/2016 - 13/12/2016 [Back]

Report type: Compliance report Therapy report Compliance and Therapy report

Report preview: 1 / 2 [Go to] [Previous page] [Next page] [Print]

Compliance Report

patient234001 Male 15/09/2016 - 13/12/2016

Usage

Usage days	27/90(30%)
≥ 4 hours days	17(19%)
< 4 hours days	10(11%)
usage hours	269.8
Average usage hours (total days)	3
Average usage hours (days used)	10
Median usage hours (days used)	15
Total usage (since setup date)	4 months 12 days

Device -

Serial number	-
Last set date	-
Mode (last set in the report range)	-



➤ Slect report type, Compliant, Therapy of combination

ResAssist x +

https://s3.resvent.com/ResAssist/main/index

resvent Hi,shiyisheng

Therapy Alert Patient

Report range: 14/02/2019 - 14/05/2019 [Back]

Report type: Compliance report Therapy report Compliance and Therapy report

Report preview: 1 / 1 [Go to] [Previous page] [Next page] [Print]

6:00
4:00
2:00
0:00
22:00
18:00
16:00
14:00
12:00
10:00
8:00
6:00
4:00
2:00
0:00
22:00
18:00
16:00
14:00

14/02 18/02 22/02 26/02 02/03 06/03 10/03 14/03 18/03 22/03 26/03 30/03 03/04 07/04 11/04 15/04 19/04 23/04 27/04 01/05 05/05 09/05 13/05

Days not used: 68 (76%)
Usage Days: 22/90(24%)
Used/Days (Avg.): 12.6 hours

Pressure (cmH2O)

Mode: CPAP
iPR: 2

Pressure Max(Avg.): 10.8
Pressure 95%(Avg.): 10.1
Pressure Median(Avg.): 7.1
Set Pressure: 6.0

AHI(events/hour)

All(Avg.): 9.1
HI(Avg.): 7.7



Doctor/Company Alarm Sets

which filters reports accordingly with doctors' set



➤ In a doctor or Company account, the alerts can be set which allows the system to auto-filter reports

ResAssist

https://s3.resvent.com/ResAssist/main/index

resvent

Therapy Alert

Alert filter Select all

Usage (Hour) Pressure 95%th (cmH2O) IPAP 95%th (cmH2O) EPAP 95%th (cmH2O) VT 95%th (mL) MV 95%th (mL) RR 95%th (bpm) Spo2 95%th (%) Leak 95%th (L/min) AHI (events/hour)

≥ 34.0 ≥ 12.0 ≥ 10.0 ≥ 1550.0 ≥ 20.0 ≥ 37.0 ≥ 78.0 ≥ 23.0

≤ 16.0 ≤ 6.0 ≤ 6.0 ≤ 6.0 ≤ 600.0 ≤ 6.0 ≤ 10.0 ≤ 47.0

Date range from 27/05/2019 to 03/06/2019

Filter Reset to default

Total 0 results (Complying with at least one of the requirements above)

Higher than high limit Lower than low limit

Date	Patient Name	Usage (h)	Pressure 95%th (cmH2O)	IPAP 95%th (cmH2O)	EPAP 95%th (cmH2O)	VT 95%th (mL)	MV 95%th (mL)	RR 95%th (bpm)	Spo2 95%th (%)	Leak 95%th (L/min)	AHI (events/hour)	Operation
------	--------------	-----------	------------------------	--------------------	--------------------	---------------	---------------	----------------	----------------	--------------------	-------------------	-----------

➤ 1. Parameters can be set either by entering the numbers or move the triangle pointer.

➤ 2. Select time Range

➤ 3. Click Filter to filter the reports, reports will list below.



Thanks !