



QUICK START GUIDE

Anesthesia Information Management System

[Abstract](#)

This document will help any consultant, Junior Resident and support staff to operate the AIMS Application. This document covers all the required steps on how to start the case , enter all relevant details and finally shifting out the patient to PACU.

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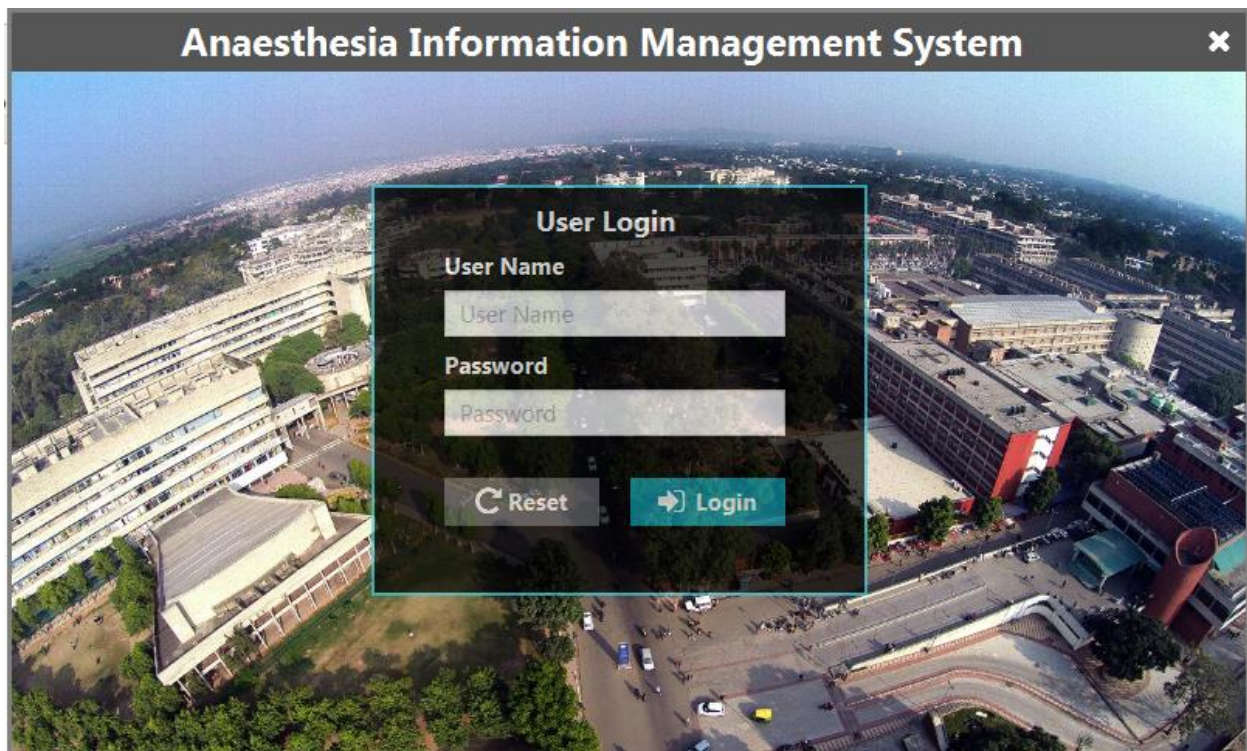
1. Application Startup

1: Open PGI-AIMS

2: Log in with below credentials

Username: drtanvir

Password: pgi@123



3: Add Patient

Step 1: Click on Add Patient Button on **Menu Bar**.

Create Patient

Patient Demography | Contact Details | Address Details

CR Number* First Name* Last Name

Gender* Patient Age ☒ Choose DOB ☐ Enter Age Date of Birth*

Blood Group Weight* Height* BMI BSA

Step 2: Fill at least all the mandatory fields and click on proceed and save it.

Step 3: On successful Add Patient, it will be redirected to Create Case Screen.

Create Case

Steve Smith | Male | 6 Years | CR Number 123123124123 | Height 172.0 cm | Weight 78.0 kg | BMI 26.37 kg/m2 | BSA 1.93 m2

Specialties* Date/Time

Admit Date Time (hh:mm) Plan Procedure Date Time (hh:mm)

Unit ☒ Day Care ☐ In patient Type of Surgery ☒ Emergency ☐ Semi-Emergency ☐ Elective

Aneesthesiologists Other Aneesthesiologists

Operation Theater Surgeons

Diagnosis Details Planned Procedure Details

Any Other Details

Step 4: Fill mandatory Fields and click on save to create a case.

Step 5: On successful Create Case it will be redirected to Application Dashboard Screen.

Steve Smith Male 6	CR Number 123123124123	Case No 371	Height 172.0 cm	Weight 78.0 kg	BMI 26.37 kg/m2	BSA 1.93 m2	Blood Group N/R	Selected OT ATC - III	22-05-2018 18:05:38	Hi,SudeepKumar Sahoo Logout	X	
Edit Patient	Edit Case	Devices	Cannulation	Anesthesia	Fluids Log	Medication Log	Events Log	Vitals Chart	Anesthesia Chart	Recorded Data	Report	Shift Out

Time In
Induction
Intubation
Incision
Cannulation
CPB On
CPB Off
AXC On
AXC Off

▶ S5 Patient Monitor Vitals (Live)
▶ Anesthesia Vitals (Live)
▶ Medication
▶ Tests
▶ Fluid
▶ Output

2. Steps to search a Patient and load a Case

Step 1: Click on Search Patient Button on **Menu Bar**.

Patient Name Gender Age	CR Number	Case No	Height	Weight	BMI	BSA	Blood Group	Selected OT CTVS-OT-3	28-05-2018 16:09:57	Hi,Tanvir Samra Logout	X			
Search Patient	Scheduled Cases	Add Patient	Edit Case	Devices	Cannulation	Anesthesia	Fluids Log	Events Log	Vitals Chart	Anesthesia Chart	Recorded Data	Report	Shift Out	Help

Step 2: Enter Search criteria and click on Search button. It will fetch all the patient details matching with search criteria.

×

Search Patient

CR Number

CR Number

First Name

Darshan

Last Name

Last Name

Contact Number

Contact Number

Q Search

Create Patient

CR Number	First Name	LastName	Age	Unit	Contact	Father/Guardian	
201603303357	Darshan	Singh	75	Years	9814868306	NR	

◀

1

▶

Edit Patient

View Cases

Step 3: Select a Patient and click on View All Case button. It will open View All Cases window where you can see all cases of the selected patient.

Darshan Singh

Male | 75 Years

CR Number

201603303357

Height

168.0 cm

Weight

64.0 kg

BMI

22.68 kg/m2

BSA

1.73 m2

CaseNumber	Date	Surgery Type	Speciality	Status
14	2018-05-21 15:57:14.0	Elective	CTVS	Closed

<

1

>


Create CaseLoad caseEdit Case

Step 4: To load a case select a case and click on Load case button. It will close View All Cases window and Main Dashboard will be opened.

Darshan Singh Male 75	CR Number 201603303357	Case No 14	Height 168.0 cm	Weight 64.0 kg	BMI 22.68 kg/m ²	BSA 1.73 m ²	Blood Group N/R	Selected OT CTVS-OT-3	28-05-2018 16:17:26	Hi, Tanvir Samra Logout	✕
-----------------------------------	----------------------------------	----------------------	---------------------------	--------------------------	---------------------------------------	-----------------------------------	---------------------------	---------------------------------	------------------------	----------------------------	---

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out
Help

Time In
08:30
Induction
09:00
Intubation
09:05
Incision
09:47
Cannulation
11:00
CPB On
11:16
CPB Off
16:03
AXC On
11:17
AXC Off
14:12


PGIMER
This case is closed! Please click RECORDED DATA button to view historical data.

3. Steps to find scheduled Cases and load a Case

Step 1: Click on Scheduled Cases Button on **Menu Bar**.

Patient Name Gender Age	CR Number	Case No	Height	Weight	BMI	BSA	Blood Group	Selected OT CTVS-OT-3	28-05-2018 16:09:57	Hi, Tanvir Samra Logout	✕
-------------------------------------	------------------	----------------	---------------	---------------	------------	------------	--------------------	---------------------------------	------------------------	----------------------------	---

Search Patient
Scheduled Cases
Add Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out
Help

Step 2: You can see all the cases and patient details from last 7 days as default. You can change search criteria and find scheduled cases for new search criteria.

Scheduled Cases

Procedure Date Between:

From Date

To Date

OT Name

5/21/2018

5/28/2018

CTVS-OT-3

Search

CR Number	First Name	Last Name	Procedure Date	Status
201603303357	Darshan	Singh	2018-05-21 08:30:00.0	Closed

<

1

>


Load Case

Step 3: To load a case select a case and click on Load Case button. It will close the window and Main Dashboard will be opened

Darshan Singh Male 75	CR Number 201603303357	Case No 14	Height 168.0 cm	Weight 64.0 kg	BMI 22.68 kg/m ²	BSA 1.73 m ²	Blood Group N/R	Selected OT CTVS-OT-3	28-05-2018 16:17:26	Hi,Tanvir Samra Logout	✕
-----------------------------------	----------------------------------	----------------------	---------------------------	--------------------------	---------------------------------------	-----------------------------------	---------------------------	---------------------------------	------------------------	---------------------------	---

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out
Help

Time In
08:30
Induction
09:00
Intubation
09:05
Incision
09:47
Cannulation
11:00
CPB On
11:16
CPB Off
16:03
AXC On
11:17
AXC Off
14:12



PGIMER

This case is closed! Please click RECORDED DATA button to view historical data.

4. Steps to perform when Case is loaded

1. When Case is loaded, following will be the view visible on the desktop.

Demo Male 12	CR Number 857879587665	Case No 8	Height 120.0 cm	Weight 40.0 kg	BMI 27.78 kg/m ²	BSA 1.15 m ²	Selected OT CTVS-OT-4	22-05-2018 16:42:06	Hi,Tanvir Samra Logout	✕
--------------------------	----------------------------------	---------------------	---------------------------	--------------------------	---------------------------------------	-----------------------------------	---------------------------------	------------------------	---------------------------	---

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Medication Log
Events Log
Shift Out
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Exit Case

Time In
17:00
Induction
17:01
Intubation
Incision
Cannulation
CPB On
CPB Off
AXC On
AXC Off

- ▶ S5 Patient Monitor Vitals (Live)
- ▶ Anesthesia Vitals (Live)
- ▶ Medication
- ▶ Tests
- ▶ Fluid
- ▶ Output

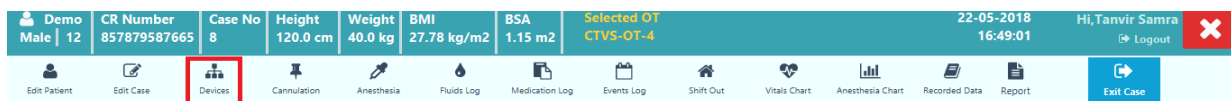
Step 2. Ensure the S5 Patient Monitor and Anesthesia Machines we have the data cables connected at back of the machine.

Step 3. 2 USB to Serial converters (a. Belkin converter connected to Patient Monitor data cables, b. Aten converter connected to Anesthesia data cable).

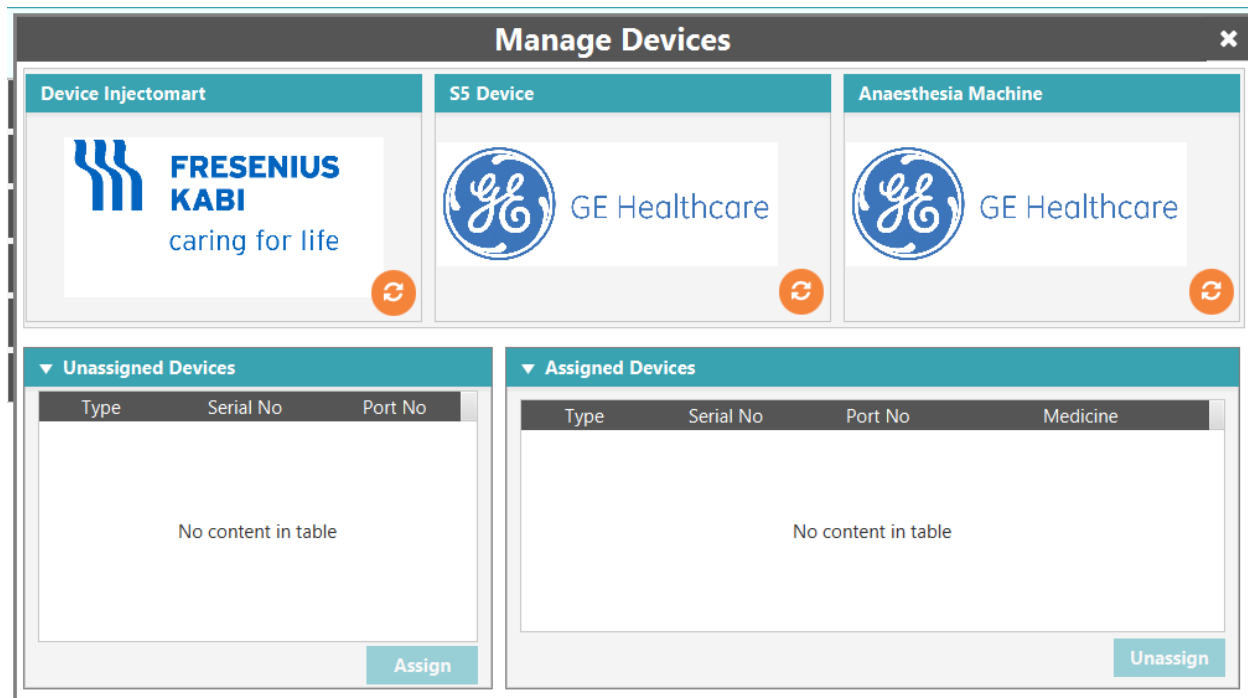
Step 3. Both these USB Converters to be connected to the USB Port on Desktop Machine.

Step 4. If connecting the Fresenius Syringe Pump, connect the data cable from Pump to the Belkin USB 2 serial converter. Connect this USB 2 Serial converter to desktop machine.

Step 5. Now you are ready for Scanning Activity, ensure the Case has been started in the Anesthesia machine. Click on the **Devices Icon** on the **Menu Bar** in the application.



Step 6. Following window will open




1. Scan Infusion Pump


- Click on the orange icon shown in the image above to scan the respective devices. In case we have number of Fresenius Pumps, then by default start scanning the pumps first.

Manage Devices


Device Injectomart


FRESENIUS KABI
caring for life

S5 Device


GE Healthcare

Anaesthesia Machine


GE Healthcare

Unassigned Devices

Type	Serial No	Port No
DeviceInjectomat	13587965232	NA

Assign

Assigned Devices


Type	Serial No	Port No	Medicine
No content in table			

Unassign


- b. Select the scanned Infusion pump under the Unassigned Devices and Click the Assign Button, a new pop up will open.

Manage Devices


Device Injectomart


FRESENIUS KABI
caring for

S5 Device


GE Healthcare

Anaesthesia Machine


GE Healthcare

Unassigned Devices

Type	Serial No	Port No
DeviceInjecto...	13587965232	NA

Assign

Assigned Devices

Type	Serial No	Port No	Medicine
No content in table			

Unassign

Fresenius Infusion Pump

Medicine*

Start typing to search

Dose *
Unit *
Volume (ml) *
Concentration (µg/ml)

Dose
mg
in
Volume
Concentration

Save

- c. Enter medication details and click on save. It will move to the right side window titled: Assigned Devices.

- b. Select the respective device under the Unassigned Devices and Click the Assign Button, they will move to the right side window titled: Assigned Devices.

Manage Devices ✕

Device Injectomart

FRESENIUS KABI
 caring for life

S5 Device

GE Healthcare

Anaesthesia Machine

GE Healthcare

▼ Unassigned Devices

Type	Serial No	Port No
No content in table		

[Assign](#)

▼ Assigned Devices

Type	Serial No	Port No	Medicine
S5PatientMo...	0	NA	
Anesthesia	0	NA	

[Unassign](#)

Step 7. Close this window, now the data should show up in the Live Grid.

- a. Data for Infusion Pump, as shown below.

Alex Male 15

CR Number 542312712342

Case No 370

Height 172.0 cm

Weight 70.0 kg

BMI 23.66 kg/m²

BSA 1.83 m²

Blood Group N/R

Selected OT ATC - IV

23-05-2018 09:55:09

Hi, Sudeep Kumar Sahoo [Logout](#)

✕

[Edit Patient](#)
[Edit Case](#)
[Devices](#)
[Cannulation](#)
[Anesthesia](#)
[Fluids Log](#)
[Medication Log](#)
[Events Log](#)
[Vitals Chart](#)
[Anesthesia Chart](#)
[Recorded Data](#)
[Report](#)
[Shift Out](#)

Time In

Induction

Intubation

Incision

Cannulation

CPB On

CPB Off

AXC On

AXC Off

▶ S5 Patient Monitor Vitals (Live)

▶ Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	09:50	09:55	10:00	10:05	10:10	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00
Fentanyl	0 mg															
EACA	0 mg															
Propofol	0 mg	0.29 µg/...	>>>>>													

▶ Tests

▶ Fluid

▶ Output

b. Data for S5 and Anesthesia on the main Dashboard, as shown below.

Dango Dango

Male | 45

CR Number

908978787878

Case No

17

Height

123.0 cm

Weight

120.0 kg

BMI

79.32 kg/m2

BSA

2.02 m2

Blood Group

A+

Selected OT

CTVS-OT-1

22-05-2018

20:53:31

Hi, Tanvir Samra

Logout

Edit Patient

Edit Case

Devices

Cannulation

Anesthesia

Fluids Log

Medication Log

Events Log

Vitals Chart

Anesthesia Chart

Recorded Data

Report

Shift Out

Time In
17:00

Induction
17:47

Intubation
18:46

Incision

Cannulation

CPB On

CPB Off

AXC On

▼ S5 Patient Monitor Vitals (Live)

Parameters	20:40	20:45	20:50	20:55	21:00	21:05	21:10	21:15	21:20	21:25	21:30	21:35	21:40	21:45	21:50
HR (bpm)		75	75												
IBPSys (mmHg)		102	102												
IBPDia (mmHg)		61	61												
SpO2 (%)		97	97												
EtCO2 (mmHg)		21	21												
Temp1 (°C)		21.1	21.1												
Temp2 (°C)		23.66	23.66												

▼ Anesthesia Vitals (Live)

Parameters	20:40	20:45	20:50	20:55	21:00	21:05	21:10	21:15	21:20	21:25	21:30	21:35	21:40	21:45	21:50
Ppeak (cmH2O)		33	33												
Pmean (cmH2O)		9	9												
PEEP (cmH2O)		2	2												
CircuitO2 (%)		---	---												
TVexp (ml)		464	464												
MVexp (l/min)		6.5	6.5												
RR (rpm)		14	14												

5. Steps to Add Medication Manually

Step 1: Open Medication panel in Main Dashboard. You can see a live grid with frequently used medicine already added to the grid.

Alex

Male | 15

CR Number

542312712342

Case No

370

Height

172.0 cm

Weight

70.0 kg

BMI

23.66 kg/m2

BSA

1.83 m2

Blood Group

N/R

Selected OT

ATC - I

23-05-2018

10:24:21

Hi,SudeepKumar Sahoo

Logout

Edit Patient

Edit Case

Devices

Cannulation

Anesthesia

Fluids Log

Medication Log

Events Log

Vitals Chart

Anesthesia Chart

Recorded Data

Report

Shift Out

Time In

Induction

Intubation

Incision

Cannulation

CPB On

CPB Off

AXC On

AXC Off

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30
Fentanyl	0 mg															
EACA	0 mg															

► Tests

► Fluid

► Output

Step 2: If you want to add other medicine, right click on the time box and click on Add Medicine. A new pop up will open to search medicine and add.

▶ S5 Patient Monitor Vitals (Live)

▶ Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals
Fentanyl	0 mg
EACA	0 mg

Search Medicine

Medicine Name

Start typing to search

Ok

11:05	11:10	11:15	11:20	11:25	11:30

▶ Tests

▶ Fluid

▶ Output

Step 3: You can search desired medicine and click on OK. It will be added to the Medication grid in main Dashboard.

▶ S5 Patient Monitor Vitals (Live)

▶ Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30
Fentanyl	0 mg															
EACA	0 mg															
Propofol	0.02 mg															

▶ Tests

▶ Fluid

▶ Output

Step 4: To add Bolus, right click on the time box and click on Bolus. It will open Add Bolus pop up.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals
Fentanyl	0 mg
EACA	0 mg
Propofol	0.02 mg

10:20 Bolus ✕

Medicine*
Fentanyl

Dose * Unit *

Dose mg

Save

05	11:10	11:15	11:20	11:25	11:30

► Tests

► Fluid

► Output

Step 5: Fill the mandatory fields and click on save. It will close the Add Bolus pop up and the Medicine will be added to Medication Live Grid.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30
Fentanyl	10 mg	(10.0)														
EACA	0 mg															
Propofol	0.02 mg															

► Tests

► Fluid

► Output

Step 6: To add Infusion manually, right click on the time box and click on Start Infusion. It will open Infusion pop up.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals
Fentanyl	10 mg
EACA	0 mg
Propofol	0.02 m

10:20 Infusion ✕

Medicine*
EACA

Dose * Unit * Volume (ml) * Rate (ml/hr) * Concentration (µg/ml)

 mg in

Save

05	11:10	11:15	11:20	11:25	11:30

► Tests

► Fluid

► Output

Step 7: Fill all mandatory fields and click on save. It will close the Infusion pop up and the Medicine will be added to Medication Live Grid as infusion in progress.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:20	10:25	10:30	10:35	10:40	10:45	10:50	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30
Fentanyl	10 mg	(10.0)														
EACA	0 mg	3.57 µg/...														
Propofol	0.02 mg															

► Tests

► Fluid

► Output

Step 8: To stop Infusion right click on the desired time box and click on Stop Infusion.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Fentanyl	20 mg	(10.0)														
EACA	0.12 mg	3.43 µg/...	>>>>	>>>>												

► Tests

► Fluid

► Output

Step 9: Now Stop Infusion pop up will open with all infusion Details.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals
Fentanyl	10 mg
EACA	0 mg
Propofol	0.02 m

Stop Infusion

Medicine
EACA

Start Time	Stop Time	Infused Dose	Rate
10:20	10:50	0.125	10 ml/hr

Stop

05	11:10	11:15	11:20	11:25	11:30

► Tests

► Fluid

► Output

Step 10: Click on Stop. It will close stop Infusion pop up and the selected medication will be marked as stop in the Medication Live Grid.

► S5 Patient Monitor Vitals (Live)

► Anesthesia Vitals (Live)

▼ Medication

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Fentanyl	20 mg	(10.0)														
EACA	0.16 mg	3.43 µg/...	>>>>	0.04												

► Tests

► Fluid

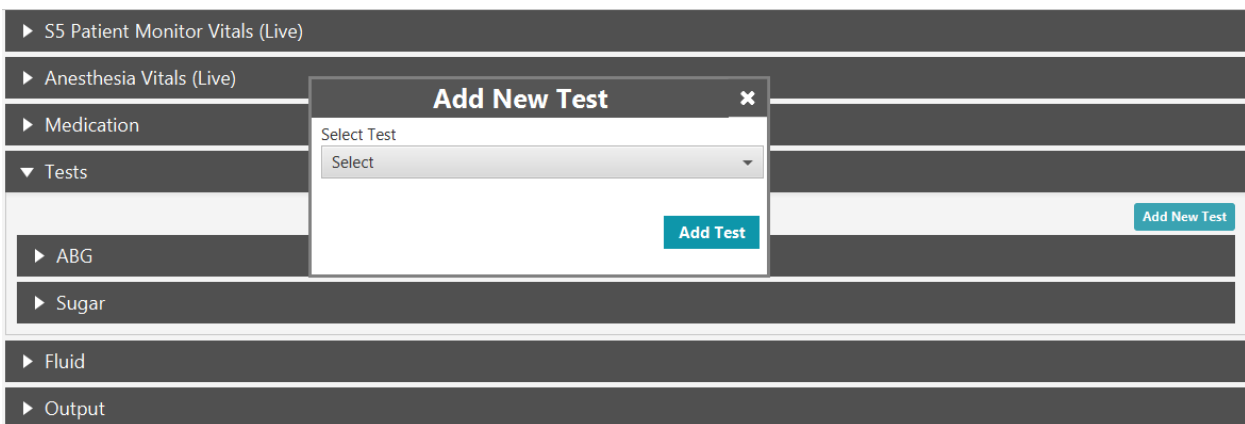
► Output

6. Steps to Add Test

Step 1: Open Tests panel in Main Dashboard. You can see frequently used Test panels already added.



Step 2: If you want to add a new Test, click on the Add New Test button on the Tests panel. It will open to add new test to the panel.



Step 3: Select the Test you want to add and click on Add Test. In our case we added ACT test.



Step 4: Expand the ABG collapsible panel and click on the time box and click on Enter values. It will open Test window.

10:55

Test

×

Enter Test Details

Test Name *

ABG

Details

Details

FiO2

%

pH

pO2

mmHg

pCO2

mmHg

HCO3-

mmol/L

BE/BD

mmol/L

SpO2

%

Lac

mmol/L

Hct

%

Na+

mmol/L

K+

mmol/L

Ca2+

mmol/L

Cl-

mmol/L

BB

mmol/L

Others

Save

Step 5: Enter test values and click on save. It will close test Window and test values will be added to Test Live Grid in Main Dashboard.

▼ Tests

Add New Test

▼ ABG

Parameters	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
FiO2 (%)	12														
pH ()	5														
pO2 (mmHg)	45														
pCO2 (mmHg)	52														
HCO3- (mmol/L)	23														
BE/BD (mmol/L)															
SpO2 (%)															
Lac (mmol/L)															
Hct (%)	38														
Na+ (mmol/L)	14														
K+ (mmol/L)	24														
Ca2+ (mmol/L)	29														
Cl- (mmol/L)															
BB (mmol/L)															
Others ()															

7. Steps to Add Fluids

Step 1: Open Fluids panel in Main Dashboard. You can see a live grid with frequently used Fluids already added to the grid.

▶ S5 Patient Monitor Vitals (Live)
▶ Anesthesia Vitals (Live)
▶ Medication
▶ Tests
▼ Fluid

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Ringer lactate	0.0ml															
Normal Saline	0.0ml															

▶ Output

Step 2: If you want to add other Fluid, right click on the time grid box and click on Add New Fluid.

▶ S5 Patient Monitor Vitals (Live)
▶ Anesthesia Vitals (Live)
▶ Medication
▶ Tests
▼ Fluid

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Ringer lactate	0.0ml															
Normal Saline	0.0ml															

▶ Output

Search Fluid

Fluid Name

Start typing to search

Ok

Step 3: You can search desired fluid and click on Ok. It will be added to the Fluids grid in main Dashboard.

▶ S5 Patient Monitor Vitals (Live)
▶ Anesthesia Vitals (Live)
▶ Medication
▶ Tests
▼ Fluid

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Ringer lactate	0.0ml															
Normal Saline	0.0ml															
10% Dextrose	0.00ml															

▶ Output

Step 4: To start Fluid, right click on the time box and click on Start. It will open Fluid pop up.

▶ S5 Patient Monitor Vitals (Live)

▶ Anesthesia Vitals (Live)

▶ Medication

▶ Tests

▼ Fluid

10:55

Fluid

×

Fluid Name *
Ringer lactate
Initial Volume (ml) *

Start

Parameters	Totals	10:55														
Ringer lactate	0.0ml															
Normal Saline	0.0ml															
10% Dextrose	0.00ml															

▶ Output

Step 5: Enter Initial volume in the bag and click on start. It will be marked as start in the Live Grid in Dashboard.

▶ S5 Patient Monitor Vitals (Live)

▶ Anesthesia Vitals (Live)

▶ Medication

▶ Tests

▼ Fluid

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Ringer lactate	0.0ml	500.0														
Normal Saline	0.0ml															
10% Dextrose	0.00ml															

▶ Output

Step 6: To stop Fluid, click on the time box and click on Stop. It will open Fluid pop up with initial volume in the bag.

S5 Patient Monitor Vitals (Live)

Anesthesia Vitals (Live)

Medication

Tests

Fluid

11:55

Fluid

Fluid Name *

Ringer lactate

Initial Volume (ml) *

500.0

Volume Left (ml) *

Volume Left

Stop

Parameters	Totals	10:55														
Ringer lactate	0.0ml	500.0														
Normal Saline	0.0ml															
10% Dextrose	0.00ml															

Step 7: Enter Volume left in the bag and click on stop. It will be marked as stop in the Live Grid in Dashboard and total fluid volume will be updated.

S5 Patient Monitor Vitals (Live)

Anesthesia Vitals (Live)

Medication

Tests

Fluid

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Ringer lactate	400.0ml	500.0	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	>>>>	400.0		
Normal Saline	0.0ml															
10% Dextrose	0.00ml															

8. Steps to Add Output

Step 1: Open Output panel in Main Dashboard. Right Click on time box and click on Enter value.

S5 Patient Monitor Vitals (Live)

Anesthesia Vitals (Live)

Medication

Tests

Fluid

Output

10:55

Output

Name *

Blood

Volume (ml) *

Initial Volume

Save

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Blood	0ml															
Urine	0ml															

Step 2: Enter the Output volume and click on save. It will close the pop up and total output will be updated in the Output Live Grid.

► S5 Patient Monitor Vitals (Live)
► Anesthesia Vitals (Live)
► Medication
► Tests
► Fluid
▼ Output

Parameters	Totals	10:55	11:00	11:05	11:10	11:15	11:20	11:25	11:30	11:35	11:40	11:45	11:50	11:55	12:00	12:05
Blood	420.00ml	420														
Urine	0ml															

9. Steps to mark an Event

Step 1: Click on Event name on the Dashboard sidebar. Add Event pop up will be opened.

<div> <div> Edit Patient Edit Case Devices Cannulation Anesthesia Fluids Log Medication Log Events Log Vitals Chart Anesthesia Chart Recorded Data Report Shift Out </div> <div> Time In Induction Intubation Incision Cannulation CPB On CPB Off AXC On AXC Off </div> </div>	<div> <div> ► S5 Patient Monitor Vitals (Live) ► Anesthesia Vitals (Live) ▼ Medication </div> <table> <tr> <th>Parameters</th><th>Totals</th><th>14:00</th></tr> <tr> <td>Fentanyl</td><td>32 mg</td><td>(12.0)</td></tr> <tr> <td>EACA</td><td>45 mg</td><td>(45.0)</td></tr> </table> <div> ► Tests ► Fluid ► Output </div> </div>	Parameters	Totals	14:00	Fentanyl	32 mg	(12.0)	EACA	45 mg	(45.0)	<div> <div>Event</div> <div> Event Name * Time In Date * Time (hh:mm) * Now </div> <div> 5/23/2018 02:49 PM </div> <div> Comments </div> <div> Save </div> </div>	<table> <tr> <th>14:40</th><th>14:45</th><th>14:50</th><th>14:55</th><th>15:00</th><th>15:05</th><th>15:10</th></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	14:40	14:45	14:50	14:55	15:00	15:05	15:10																					
Parameters	Totals	14:00																																						
Fentanyl	32 mg	(12.0)																																						
EACA	45 mg	(45.0)																																						
14:40	14:45	14:50	14:55	15:00	15:05	15:10																																		

Step 2: Enter Time and click on save. It will close the Event pop up and the selected events will be marked as executes on the Dashboard side bar.

Time In 14:49	► S5 Patient Monitor Vitals (Live)																																																			
Induction	► Anesthesia Vitals (Live)																																																			
Intubation	▼ Medication																																																			
Incision	<table border="1"> <thead> <tr> <th>Parameters</th> <th>Totals</th> <th>14:00</th> <th>14:05</th> <th>14:10</th> <th>14:15</th> <th>14:20</th> <th>14:25</th> <th>14:30</th> <th>14:35</th> <th>14:40</th> <th>14:45</th> <th>14:50</th> <th>14:55</th> <th>15:00</th> <th>15:05</th> <th>15:10</th> </tr> </thead> <tbody> <tr> <td>Fentanyl</td> <td>32 mg</td> <td>(12.0)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>EACA</td> <td>45 mg</td> <td>(45.0)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Parameters	Totals	14:00	14:05	14:10	14:15	14:20	14:25	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05	15:10	Fentanyl	32 mg	(12.0)															EACA	45 mg	(45.0)														
Parameters	Totals	14:00	14:05	14:10	14:15	14:20	14:25	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05	15:10																																				
Fentanyl	32 mg	(12.0)																																																		
EACA	45 mg	(45.0)																																																		
Cannulation	► Tests																																																			
CPB On	► Fluid																																																			
	► Output																																																			

Step 3: Executed Events can be edited from Events log window. Click on Events log button on Menu Bar.



Step 4: Event log window will be opened where you can edit or delete an executed Event or can add a Custom Event.

Events Log

Execute Event

Event Name *

Event Name

Date *

5/23/2018

Time (hh:mm) *

04:12 PM

Now

Comments

Comments

Cancel

Save

Event Log

Date Time	Event Name
2018-05-23 15:04:00.0	Time In
2018-05-23 15:07:00.0	Cannulation

Delete

Edit

a: To add a custom Event, enter mandatory fields and click on save. The custom Events will be updated under Events Log.

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Events Log

Execute Event

Event Name *

Cannot Ventilate

Date *

5/23/2018

Time (hh:mm) *

04:10 PM

Now

Comments

Comments

Cancel

Save

Event Log

Date Time	Event Name
2018-05-23 15:04:00.0	Time In
2018-05-23 15:07:00.0	Cannulation

Delete

Edit

b: To edit an executed Event, select the record under Evets Log and click on Edit button. The events details will be filled under Execute Event. Edit the values and click on Update button to save.

Events Log

Execute Event

Event Name *

CPB Off

Date *

5/23/2018

Time (hh:mm) *

04:10 PM

Now

Comments

Comments

Cancel

Update

Event Log

Date Time	Event Name
2018-05-23 15:04:00.0	Time In
2018-05-23 15:07:00.0	Cannulation
2018-05-23 16:10:00.0	CPB Off

Delete

Edit

c: To delete an executed Event, select the record under Evets Log and click on Delete button. A prompt for confirmation will be opened, asking Are you sure, you want to delete the record? Click on Ok to delete the selected record.

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The screenshot shows the 'Events Log' window with a confirmation dialog box in the center. The dialog box has a teal header with a question mark icon and the text 'Confirmation'. Below the header, it asks 'Are you sure, you want to delete the record?' and has 'OK' and 'Cancel' buttons. The background window is divided into two panes. The left pane, titled 'Execute Event', contains fields for 'Event Name', 'Date' (5/23/2018), and 'Comments'. The right pane, titled 'Event Log', shows a table of events. The event 'CPB Off' is highlighted in teal. At the bottom of the window are 'Cancel', 'Save', 'Delete', and 'Edit' buttons.

Event Name
Time In
Cannulation
CPB Off

Step 4: Now close the Event log window, the changes will be updated on the Dashboard Events side bar.

The screenshot shows the dashboard interface. The top menu bar has icons for 'Edit Patient', 'Edit Case', 'Devices', 'Cannulation', 'Anesthesia', 'Fluids Log', 'Medication Log', 'Events Log', 'Vitals Chart', 'Anesthesia Chart', 'Recorded Data', 'Report', and 'Shift Out'. The 'Shift Out' button is highlighted in blue. On the left side, there is a vertical sidebar with buttons for 'Time In 15:04', 'Induction', 'Intubation', 'Incision', 'Cannulation 15:07', 'CPB On', 'CPB Off', 'AXC On', and 'AXC Off'. The main area of the dashboard displays a summary of patient events: 'S5 Patient Monitor Vitals (Live)', 'Anesthesia Vitals (Live)', 'Medication' (with a table for Fentanyl and EACA), 'Tests', 'Fluid', and 'Output'.

Parameters	Totals	14:25	14:30	14:35	14:40	14:45	14:50	14:55	15:00	15:05	15:10	15:15	15:20	15:25	15:30	15:35
Fentanyl	32 mg															
EACA	45 mg															

10. Steps to perform Shift Out of Patient

Step 1: Click on Shift Out Button on **Menu Bar**

Step 2: You have click Ok on the prompt for confirmation, asking Do you really want to proceed with closure of the case?

Steve Smith Male 6	CR Number 123123124123	Case No 371	Height 172.0 cm	Weight 78.0 kg	BMI 26.37 kg/m ²	BSA 1.93 m ²	Blood Group N/R	Selected OT ATC - III	22-05-2018 18:19:14	Hi,SudeepKumar Sahoo Logout	X
-------------------------	---------------------------	----------------	--------------------	-------------------	--------------------------------	----------------------------	--------------------	--------------------------	------------------------	--------------------------------	---

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Medication Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out

Time In
Induction
Intubation
Incision
Cannulation
CPB On
CPB Off
AXC On
AXC Off

S5 Patient Monitor Vitals (Live)
Anesthesia Vitals (Live)
Medication
Tests
Fluid
Output

Confirmation

Do you really want to proceed with closure of the case ?

OK Cancel

Step 3: On click on Ok it will open Shift Out window. Fill mandatory fields and click on save to Shift Out.

Steve Smith Male 6	CR Number 123123124123	Case No 371	Height 172.0 cm	Weight 78.0 kg	BMI 26.37 kg/m ²	BSA 1.93 m ²	Blood Group N/R	Selected OT ATC - III	22-05-2018 18:21:57	Hi,SudeepKumar Sahoo Logout	X
-------------------------	---------------------------	----------------	--------------------	-------------------	--------------------------------	----------------------------	--------------------	--------------------------	------------------------	--------------------------------	---

Edit Patient
Edit Case
Devices

Time In
Induction
Intubation
Incision
Cannulation
CPB On
CPB Off
AXC On
AXC Off

S5 Patient Monitor Vitals (Live)
Anesthesia Vitals (Live)
Medication
Tests
Fluid
Output

Shift Out

Vitals
BP(mmHg) Pulse (bpm) SpO2 (%) Resp. Temperature (°C)
BP Pulse SpO2 Resp. Temperature

Resp. Support Date * Time (hh:mm) * Now
Select 5/22/2018 06 : 21 PM
Capture from Device

I/V Line
Inotrope Blood
Inotrope Details Blood Details

I/V Fluids Infusion
I/V Fluids Details Infusion Details

Alderate Score Special Instructions
Alderate Score Calculate Score Special Instructions


Save

Step 3: On Save, case will be closed and it will open Dashboard Window in read only mode.

Steve Smith Male 6	CR Number 123123124123	Case No 371	Height 172.0 cm	Weight 78.0 kg	BMI 26.37 kg/m ²	BSA 1.93 m ²	Blood Group N/R	Selected OT ATC - III	22-05-2018 18:23:13	Hi,SudeepKumar Sahoo Logout	X
-------------------------	---------------------------	----------------	--------------------	-------------------	--------------------------------	----------------------------	--------------------	--------------------------	------------------------	--------------------------------	---

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Medication Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out

Time In
Induction
Intubation
Incision
Cannulation
CPB On
CPB Off
AXC On
AXC Off


PGIMER
This case is closed! Please click RECORDED DATA button to view historical data.

Step 4: You can now see Vital Trend chart, Anesthesia Trend Chart, Recorded Data and can generate Anesthesia Report.


3. How to Generate Report

Step 1: Click on the Report Button on the Menu Bar to generate the report. Once report is generated it will open up as PDF, which get saved in the C:\Intraop_Reports folder under today's date.

Edit Patient
Edit Case
Devices
Cannulation
Anesthesia
Fluids Log
Medication Log
Events Log
Vitals Chart
Anesthesia Chart
Recorded Data
Report
Shift Out

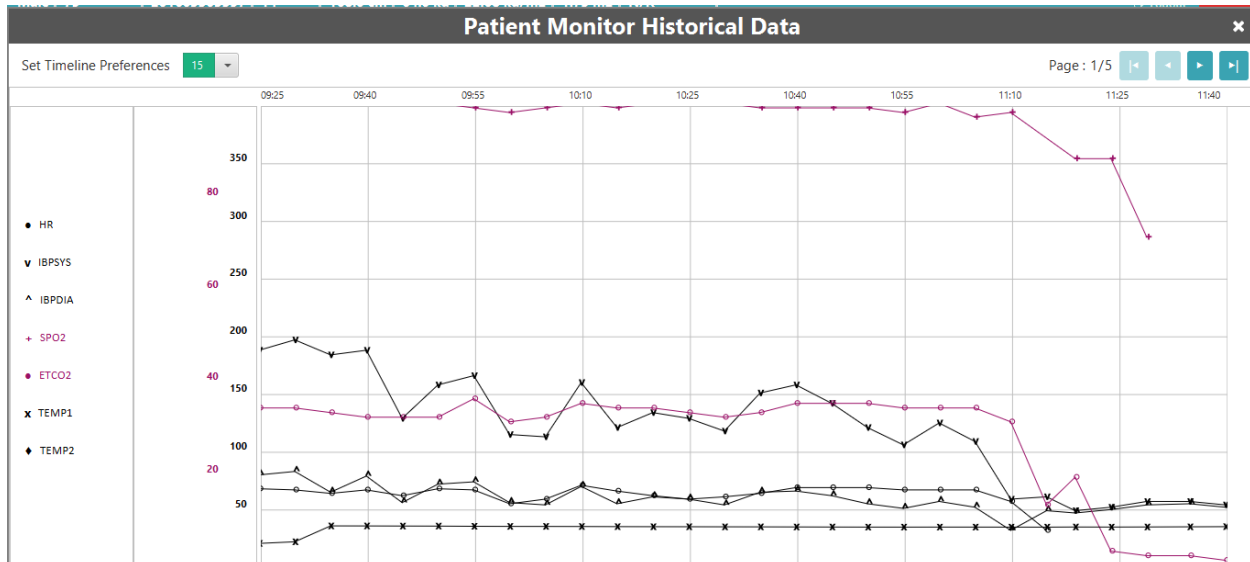
Time In
08:30
Induction
09:00
Intubation
09:05
Incision
09:47
Cannulation
11:00
CPB On
11:16
CPB Off
16:03
AXC On
11:17

Generating Report...

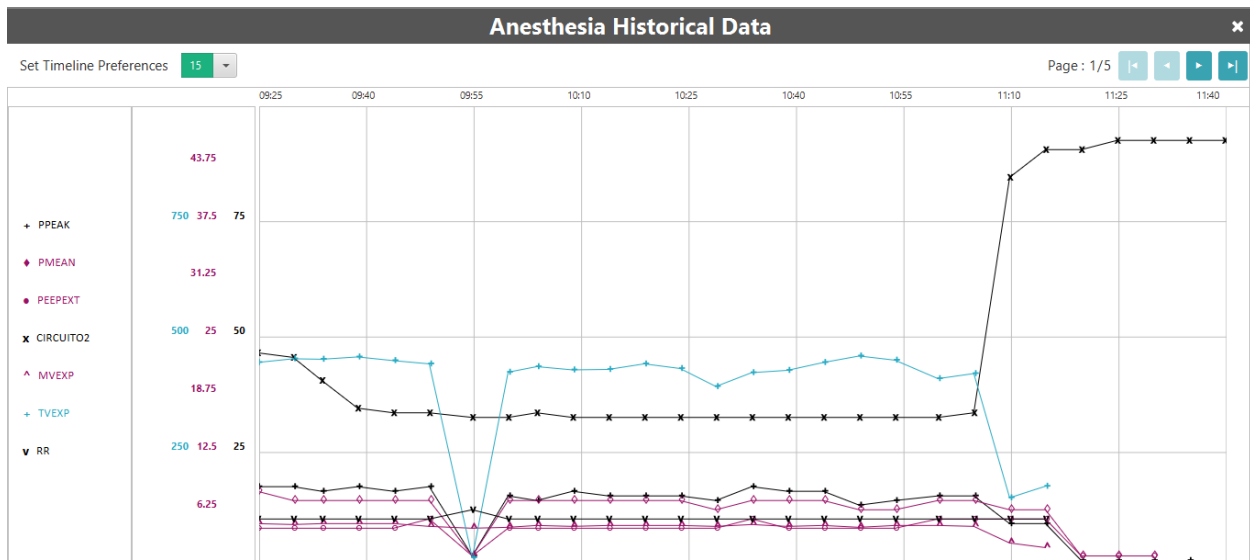

PGIMER
This case is closed! Please click RECORDED DATA button to view historical data.

1. How to View Recorded Data

Step 1: Click on the Vital Chart on the Menu Bar to see Vital Trend Chart. You can click on next and previous button to move across the pages. To Zoom into the trend chart, you can Set the Time line preference accordingly.



Step 2: Click on the Anesthesia Chart on the Menu Bar to see Anesthesia Trend Chart. You can click on next and previous button to move across the pages. To Zoom into the trend chart, you can Set the Time line preference accordingly.



Step 3: Click on Recorded Data on Menu Bar to see the recorded data.

Historical View															
Page: 2 / 10															
▼ S5 Patient Monitor Vitals (Live)															
Parameters	09:40	09:45	09:50	09:55	10:00	10:05	10:10	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50
HR (bpm)	65	60	66	65	53	57	69	64	60	57	59	62	67	67	67
IBPSys (mmHg)	186	127	156	164	113	111	158	119	132	127	116	149	156	140	119
IBPDia (mmHg)	77	54	70	72	54	52	68	53	59	57	52	63	64	60	53
SpO2 (%)	100	100	100	99	98	99	100	99	100	100	100	99	99	99	99
EtCO2 (mmHg)	32	32	32	36	31	32	35	34	34	33	32	33	35	35	35
Temp1 (°C)	33.78	33.7	33.64	33.48	33.38	33.35	33.29	33.19	33.13	33.09	33.03	32.99	32.92	32.84	32.79
Temp2 (°C)	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64	-327.64
► Anesthesia Vitals (Live)															
► Medication															
► Tests															
► Fluid															
► Output															

Note: To start a new case, please close the application and run it again.