

# A5

Anesthesia system

## Fusion for Safety



# Integrated Solution, Together and Stronger



## AnaeSight™

AnaeSight™ is an integrated solution for combined intravenous-inhalational anesthesia that connects anesthesia machines, patient monitors, and pumps. This brings greater convenience to operation and more confidential decision-making, significantly improving the safety and efficiency of anesthesia.

### Centralized control

Anesthesiologists can remotely control the pumps through the anesthesia machine, adjusting intravenous and inhalational anesthetics on the same interface.



Administer intravenous anesthetics on anesthesia machine



Brand new V60 anesthetic vaporizers

Combined intravenous-inhalational anesthesia (CIVIA) typically involves the use of multiple anesthetic drugs to achieve a balanced anesthesia state while reducing the dosage of any single drug and its potential adverse reactions. However, this method faces several challenges in anesthetic practice:



#### Multiple devices in scattered locations

Intravenous anesthetics are delivered via pumps, while inhalational anesthetics are delivered via anesthesia machines. Anesthesiologists must walk back and forth for observation and operation.



#### Vital signs on different interfaces

Due to patient variability, anesthesiologists need to closely monitor vital signs. However, this information is dispersed across different devices, making it hard to assess.

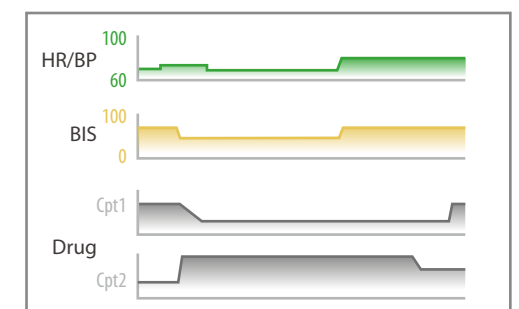


#### Lack of a combined drug effect indicator

Anesthesiologists need to understand the pharmacokinetics and pharmacodynamics of each anesthetic drug and consider the interaction between drugs, relying heavily on their experience.

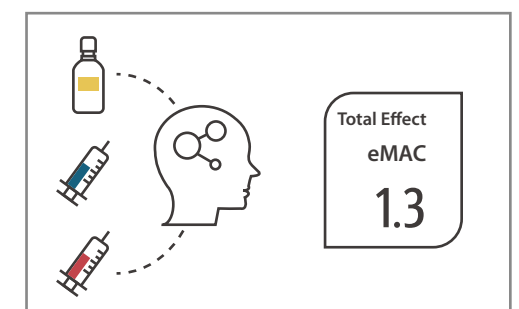
### Integrated assessments

Vital sign parameters from the anesthesia machine and patient monitor, as well as historical medication from pumps, can be displayed on the same window, making it convenient to comprehensively assess the patient's status.



### Combined drug effect

An innovative indicator of the combined drug effect of multiple anesthetics called eMAC™ is included in AnaeSight. This indicator is based on published pharmacokinetics and pharmacodynamics models, assisting with the administration of anesthetic drugs.





# Diversified Ventilation, Professional Care

As the population ages and issues like obesity become more prevalent, optimizing ventilation management for patients during the perioperative period has become an important concern for anesthesiologists. A5 offers a range of ventilation methods, including both intubated and non-intubated anesthesia, to meet the needs of all patients.

## High Flow Nasal Cannula **HFNC**

High flow nasal cannula (HFNC) plays an important role in maintaining safe oxygen saturation of patients as it extends the safe apnoeic oxygenation especially for patients with poor oxygen saturation such as bariatric, pediatric, critical ill or difficult airway.

- Direct setting of total flow and O<sub>2</sub> concentration with maximum flow up to 100L/min
- Built-in design with no additional gas or power source required, saving space and minimizing clutter



## Jet ventilation **HFJV**

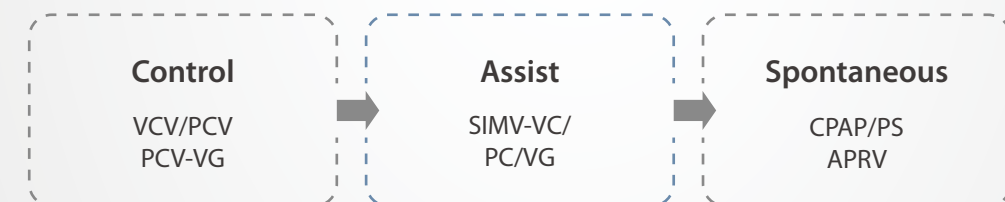
Jet ventilation can be used in shared airway surgeries, difficult airway cases, and more. It can improve patient safety by maintaining oxygenation while creating a better surgical field.

- Improved safety: superimposed jet ventilation to maintain patient oxygenation while avoiding CO<sub>2</sub> retention
- Smoother operation: quickly switch between jet and conventional ventilation
- More environmentally friendly: compact design, space-saving cluster



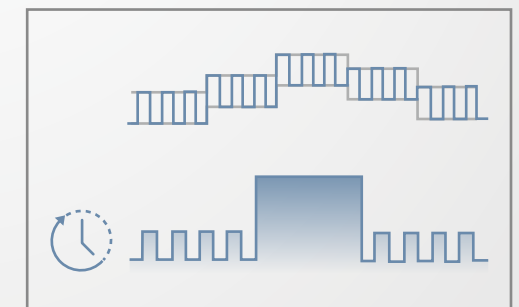
## Experience optimal performance across all stages of anesthesia

A full range of ventilation modes is available to meet the needs of patients of all ages, from adults to neonates. This enables precise ventilation care throughout the entire anesthesia process.



## Powerful Lung Recruitment Tool

- Two optional maneuvers: stepwise PEEP or sustained inflation
- A scheduled recruitment maneuver can be performed automatically



# More Flexible, More Reliable

The operating room environment is complex due to the presence of numerous equipment. Anesthesiologists face heavy, fast-paced, and intense work every day. The new A5 anesthesia system is equipped with a flexible design, intuitive interaction, and reliable performance. It helps anesthesiologists deal with daily work easily in various anesthesia environments.



**15.6 inch capacitive touchscreen**  
with flexible rotation for 360 degree angle of view



**Neat cable management**  
clean and no tangle



**Integrated breathing system**

- Reduce condensation to a minimum by the heating system
- Compatible with hot-steam sterilization, preventing cross-infection

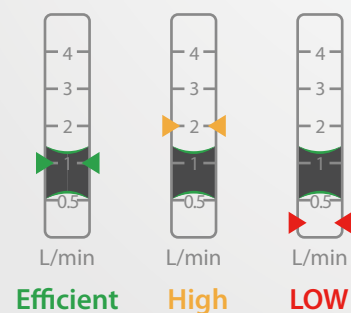


**Plug-and-Play monitoring modules**

- Optional CO<sub>2</sub>, AG, BIS modules
- compatible with the Mindray modular patient monitor to reduce cost

## Optional low-flow assist toolkit

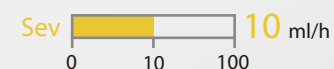
- Optimizer™: Real time guidance for cost-effective optimization of the fresh gas flow
- AA measurement: monitor the anesthetic agent consumption and keeps cost in mind



### Anesthesia Consumption

Start 09-09 08:30:00 AM  
End 09-09 10:30:00 AM

Sev 25 ml



# Stay Connected for Greater Efficiency

Comprehensively improve the operating efficiency of departments through information technology, make complicated work orderly, help clinical workers easily cope with various challenges, comprehensively improve the quality of medical services centered on patients, and realize lean management of all departments.



## Overview of patient status in each operating room

- Monitor patient vital signs in real-time across all operating rooms
- Conveniently review the complete surgical process information of patients



## Overview of the operational status of devices

- Overview of anesthesia machine distribution and utilization
- Summary of anesthesia machine self-test results
- Statistics of anesthetic gas consumption



*Not all features are for sale in all countries.*