Upgrade Your Monitoring Experience
iV Series Patient Monitor

EDAN

iV Series Patient Monitor

Harnessing Edan's years of medical research and development, also from the voice of front-line medical personnel, the iV series patient monitor earns technology progression when keeping the workflow clean and clear. The iV series incorporates a first-class visual experience with intuitive operational designs, bringing in a user-friendly cutting-edge technology operation practice.

18.5"	15.6"	13.3"
iV17	iV15	iV12

Modular Design
Plug & play design

1920x1080 pixel
Anti-glare HD screen

Ultra-wide Observation Angle
Simple bedside nursing

Auto Brightness Adjustment
Reduce workload

Full-touch screen design with flat panel
Intuitive operation and easy to disinfect

Gesture Operation
Simple interaction

Waterproof & Dustproof
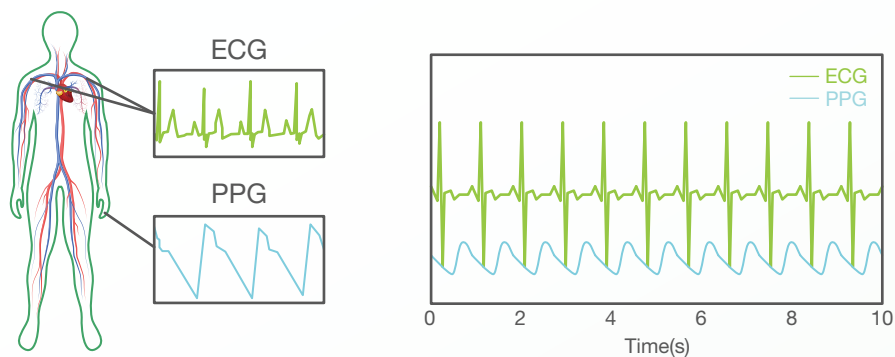Easy disinfection

No-fan Design
Enhanced battery capability

Innovation in Parameters

CNBP Continuous Non-invasive Blood Pressure

Edan CNBP technology monitor patients' blood pressure continuously, enabling a prompt reaction to every sudden BP change that could be hidden by traditional NIBP monitoring.
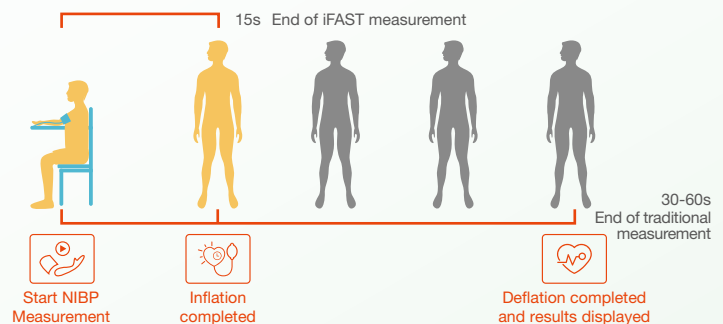
- Continuous NIBP monitoring
- Better patient comfort without pressurization
- No additional equipment or accessories needed

iFAST Rapid Blood Pressure Measurement

Intelligent rising algorithms: optimized cuff inflation algorithm to avoid repeated pressurization and simplify the process.

- Significantly reducing the measurement time compared with traditional algorithms.
- Patients feel more comfortable without over-inflation of the measurement process.

15s End of iFAST measurement

30-60s
End of traditional
measurement

Start NIBP
Measurement

Inflation
completed

Deflation completed
and results displayed

Edan Self-developed Monitoring Technologies

For years, Edan has developed high-standard parameters throughout basic monitoring and acute cares. These well-accepted parameters witness Edan's continuous pursuit of high-end & high-performance parameters.
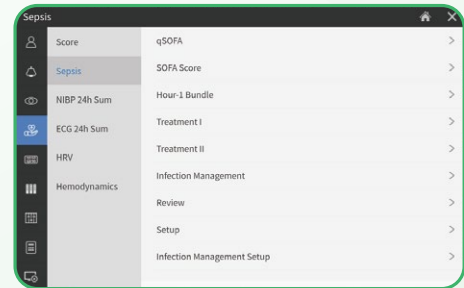
- **ECG iSEAP™** excellent arrhythmia, ST, QT/QTc sensitivity
- **iFAST™** 15s NIBP measurement
- **G2 CO$_2$** intelligent CO_2 pseudo waves identification
- **G7 AG** high performance in anesthetic gases measurement with paramagnetic O_2
- **NMT** for perioperative period muscle monitoring
- **EEG** for brain diagnosis and monitoring

Reliable Clinical Assistant for All Decisions

The iV series features Clinical Assistive Applications. Caregivers can use authoritative tools to make quick decisions in all-range acuity areas.

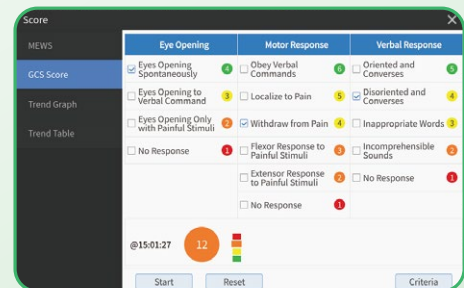## Sequential Organ Failure Assessment (SOFA)

SOFA scoring system identifies critical caring patients' status according to several critical organ functions. The score based on six different scores from different perspectives, including respiratory, cardiovascular, hepatic, coagulation, renal and neurological systems. With qSOFA, SOFA, and multiple tools, caregivers can use iV series as a sepsis treatment and tracking helper.

Clinical Assisting Scoring

EWS identifies deteriorating conditions through a comprehensive assessment of a patient's status based on vital signs.
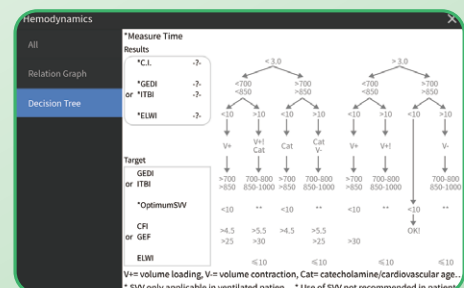
- Compliant with NEWS, NEWS2, MEWS, and PEWS.
- Intuitive layout of trends graph & table review helps caregivers make a quick decision.
- Auto data acquisition assists a prompt assessment.
- Capable of working with hospital information systems like Electronic Medical Records (EMR).
- Glasgow Coma Scale (GCS) for quick consciousness identification.

Hemodynamic Tools

With decision tree and relation graphic, the iV series can provide intuitive parameter relationship displays and informed decision-making for hemodynamics. All tools aim at helping caregivers better understand patients' condition.

- Quick patients' conditions identification and decision making

Comprehensive Solutions in Acute Care Departments

CCU

Cardiac Monitoring

Cardiac and hemodynamic comprehensive solutions enable the delicate caring and prompt response to CCU patients.

- 24-hour ECG & NIBP summary
- Multi-lead analysis & alarm refractory period lowering false alarm rate
- High-resolution ECG mode for electrocardiogram-level waveform accuracy

Hemodynamic Monitoring

Conditions can change fast in patients who experience hemodynamic instability due to organ failure or after major surgery.

- C.O.: Invasive cardiac output monitoring supports clinical decisions and improves patients' outcomes

Operation Room

Comprehensive Anesthesia Monitoring

Anesthesia monitoring is required throughout the entire patient's operation. Covering anesthesia gas concentration, bispectral index, and neuromuscular transmission, Edan provides comprehensive anesthesia monitoring for the intimate care of patients in the operation room.

- AG, BIS, NMT comprehensive operation monitoring
- Defibrillators & ESU protection

Intensive Caring Solutions

With the combination of several intensive parameters, the iV series matches every patient's condition.

- Up to 8-channel IBP
- Comprehensive O_2 saturation monitoring: rSO_2, $AG\text{-}O_2$, dual-SpO_2

ICU

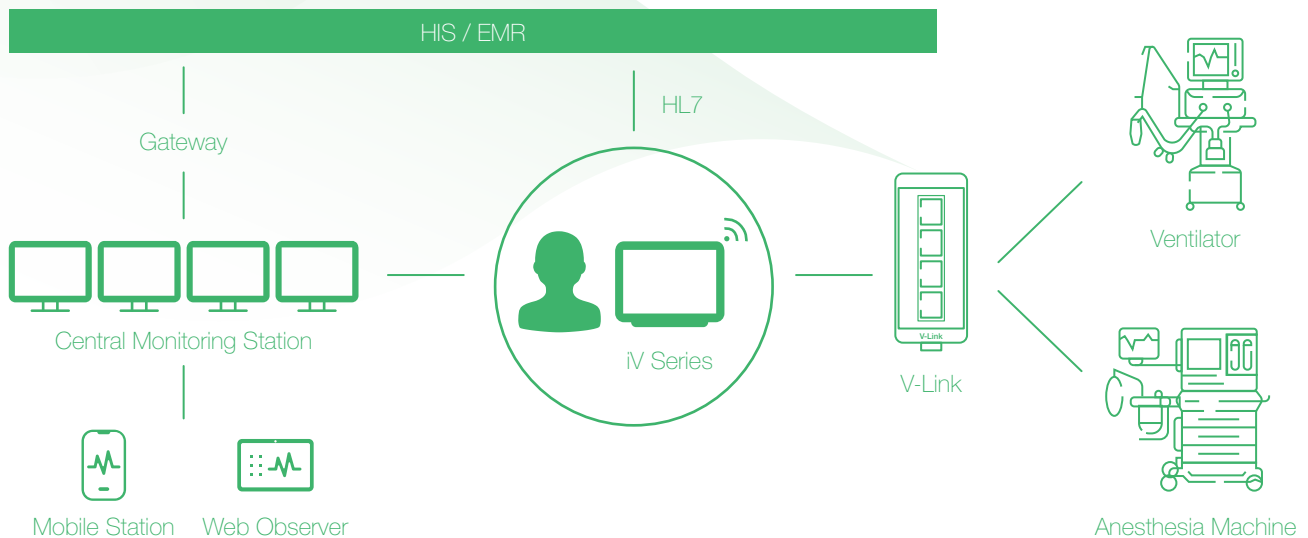## Multiple Scoring Systems and Therapy Guidance

Pursuing the delicate care for intensive patients' conditions, the acute scoring systems are introduced into the iV series. It covers from quick identification of patients' status to guidance in following treatment directions.

- Acute scoring including: Glasgow Coma Score (GCS), Sepsis-related Organ Failure assessment (SOFA)
- Guidance including: Sepsis guidelines, decision tree, relation diagram

Seamless Connectivity with Patient Centered IT Solution

Creating a patient centered information network, Edan iV series patient monitors can connect to the Central Monitoring Station (CMS) through both wired and wireless networks, as well as accessing with electronic medical records (EMR) via HL7 protocol directly.

To fulfill the requirement of a full range of viewing, CMS, Mobile Station and Web Observer can be the terminals of the data from the iV series. Therefore, enabling clinicians to access patients' data anytime, anywhere.

HIS / EMR

HL7

Gateway

Central Monitoring Station

iV Series

V-Link

Ventilator

Anesthesia Machine

Mobile Station   Web Observer

EDAN

A world of potential

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ENG-PM-iV Series

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