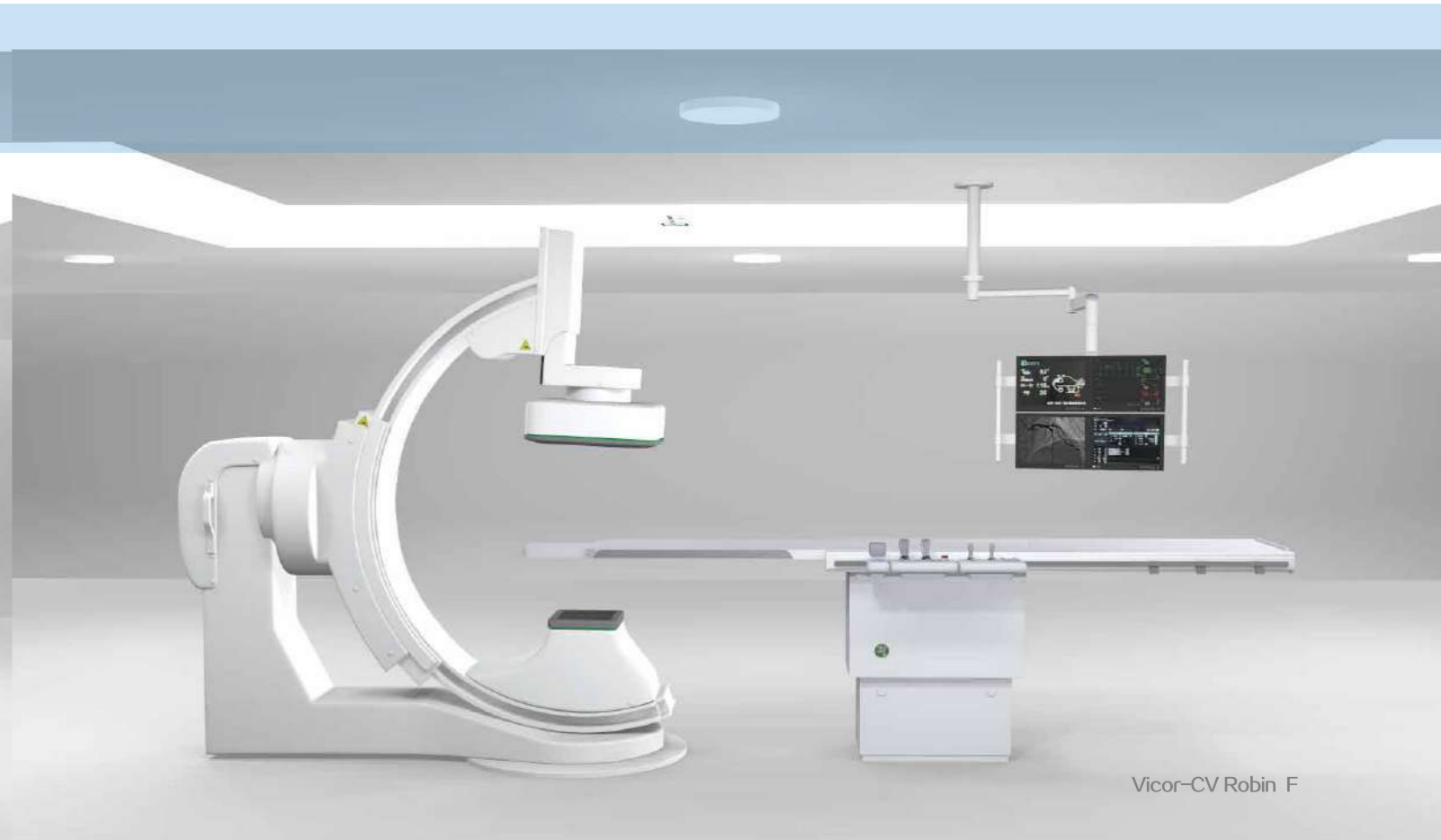
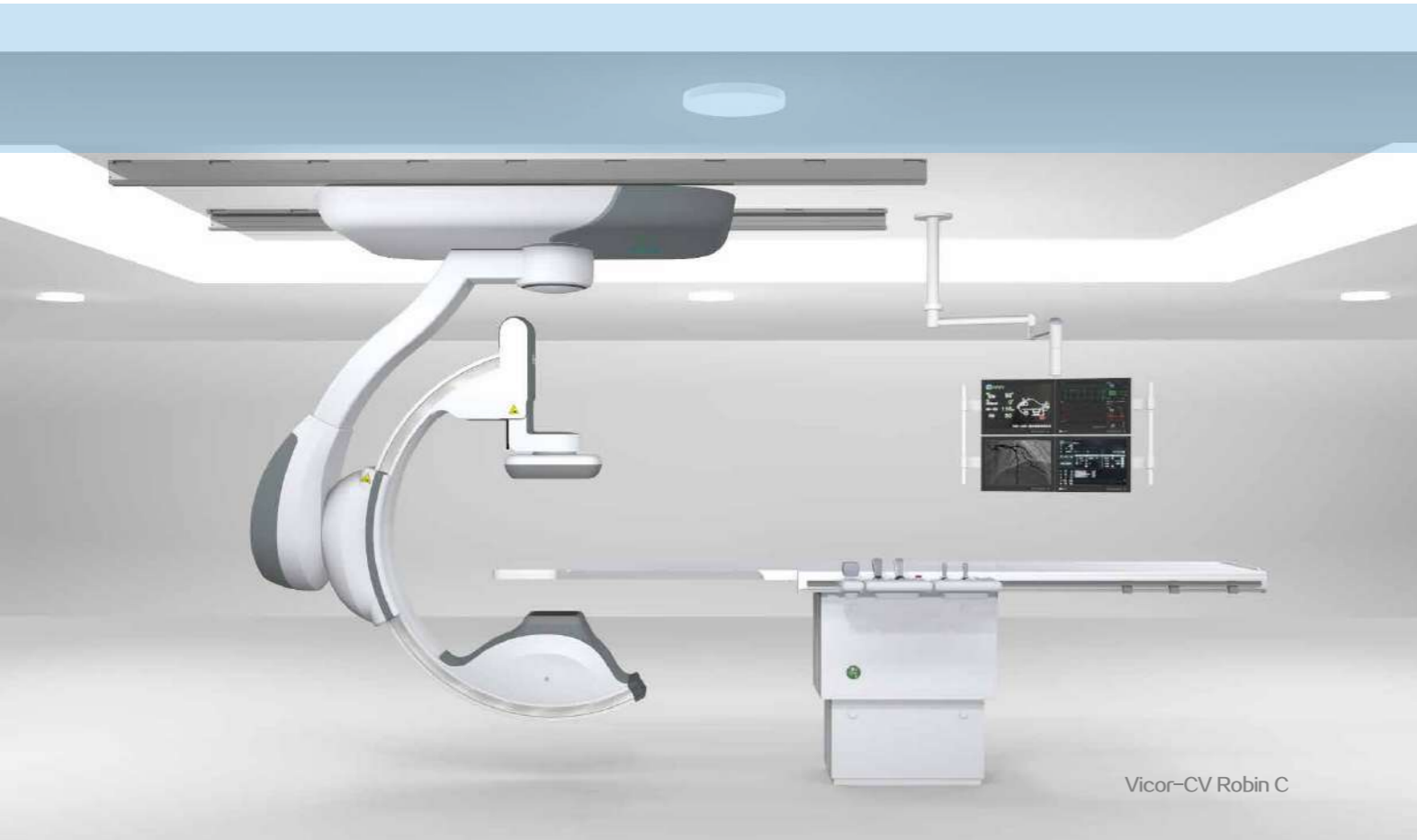


# Vicor-CV Robin C / F

Digital Subtraction Angiography System







## Vicor-CV Robin C/F Digital Subtraction Angiography System

Vicor-CV Robin C/F Digital Subtraction Angiography System is a ceiling-suspended and floor-mounted angiography system independently developed by Lepu Medical Equipment (Beijing) Co., Ltd. based on a new digital flat panel detector. By virtue of 20-year manufacturing experience and technological innovation, Lepu Equipment can provide customers with personalized options from components to services, suitable for interventional operation over a range of diseases in all departments, such as cardiovascular and cerebrovascular diseases, so as to realize accurate, safe, fast and efficient interventional therapy.

◆ **HD images, showing full details**

Concentrated on the user's concerns, it makes lesions have nowhere to hide

◆ **Safety protection to safeguard physicians and patients**

Intelligent radiation dose control and triple motion protection, to safeguard the safety of both physicians and patients

◆ **Continuous operation and stable performance**

X-ray tube with high heat capacity, to fully meet the needs for interventional diagnosis and treatment

◆ **Convenient and efficient operation**

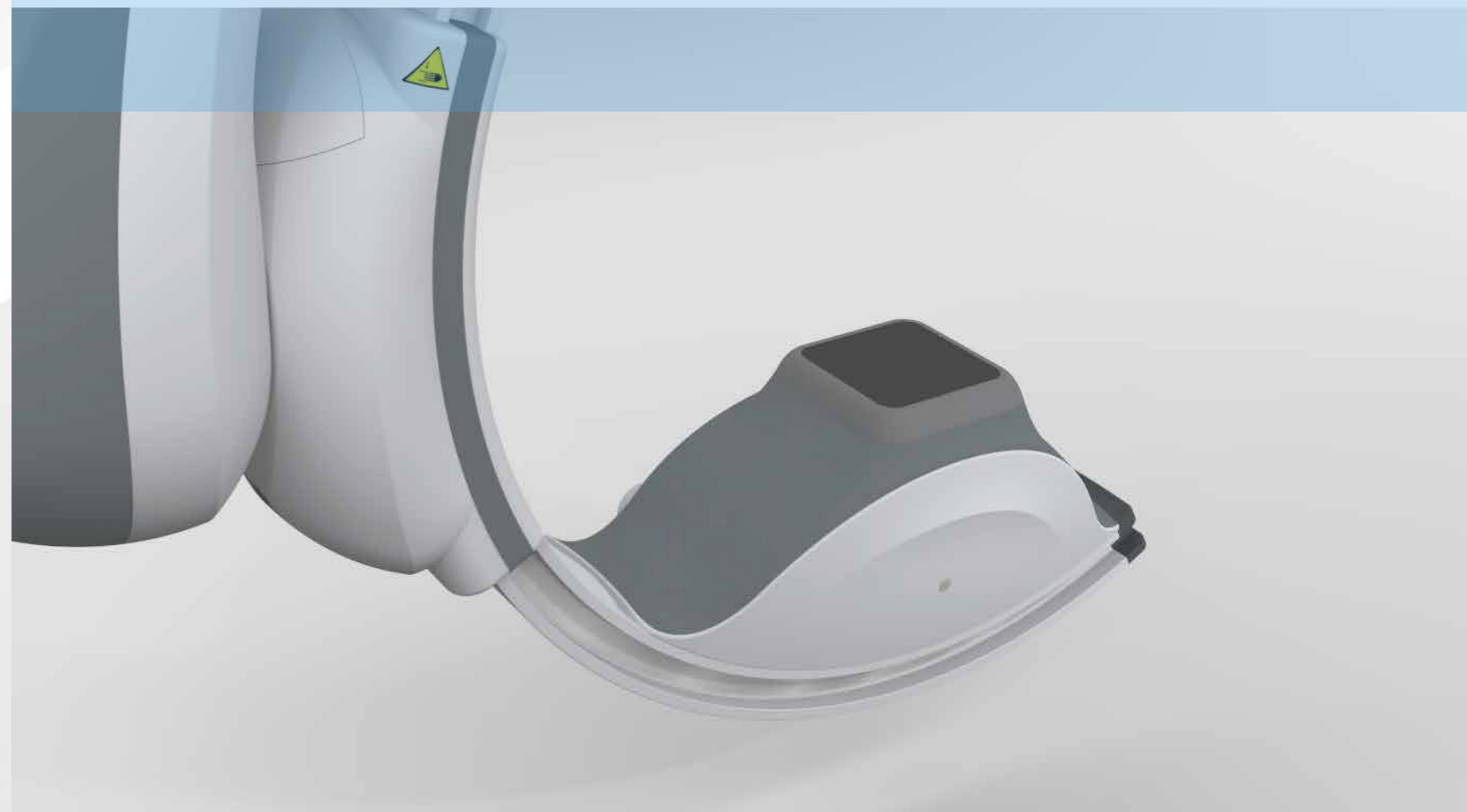
Humanized design makes the operation fast and efficient



## Flexible choices as needed

Flat panel detectors with different configurations

- ◆ 30×30/30×40 compatible dimensions, easy to perform the interventional surgery for the whole body
- ◆ 154μm/194μm pixel, flexibly selected according to customer's needs
- ◆ 16-bit super HD display, to effectively improve the dynamic range
- ◆ Multi-field full coverage



## Bulb tube with individualized configuration

### ◆ Ideal choice for primary medical care (G-1592)

Stable operation at high power and load, strong environmental adaptability and easy maintenance, especially suitable for primary medical care.

### ◆ Choice for diverse needs (EX79039)

A grid-controlled technology to eliminate the glow and afterglow and effectively reduce the radiation dose. Liquid metal lubricated bearing continuously rotates at high speed, to capture images without time delay. With ultra-large heat capacity, it can meet the needs for complex interventional surgery.



## Unrestricted access

In full consideration of the different needs in different hospital installation sites, the fourth-generation Vicor-CV Robin C (ceiling-mounted)/F (floor-mounted) medical X-ray angiography equipment is provided with a more stable motion system; since it is flexibly and conveniently operated, it can improve the operation efficiency.

### ◆ Isocentric C-shaped arm

Flexible control and intelligent lesion locking

### ◆ Intelligent catheter bed

Supporting step function, and meeting the needs of step imaging of lower limbs

ECG control interface

### ◆ Easy to use

The control console is functionally clear with all control functions

Intelligent control system conforms to ergonomics and is convenient to operate.

### ◆ Multi-axis combined motion, full coverage

With the distributed motion control system, it can realize accurate and stable motion

Multi-axis combined motion is helpful to improve the clinical efficiency.

## New upgrade of DSA low-dose software management platform

### Vicor CV Workstation

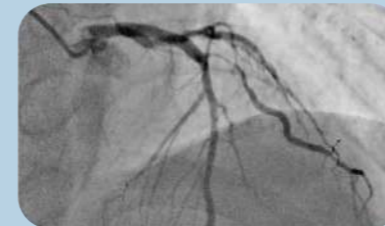
- ◆ 64-bit Chinese interface, providing user-friendly interactive interface
- ◆ Accelerated real-time processing module with efficient GPU, and stable and reliable image
- ◆ Supporting multiple image processing tools such as automatic measurement, ventricular analysis and QCA analysis
- ◆ Real-time function of virtual beam limiter, helpful to reduce scattered rays and improve the safety of both physicians and patients
- ◆ Radiation dose report in compliance with IEC standard
- ◆ Safety design in compliance with IHE equipment connectivity and network safety standard

### Vicor AngioExpert

- ◆ Data transmission in compliance with DICOM3.0 and related standards
- ◆ Supporting data storage and migration management
- ◆ Efficient completion of vascular contour and morphological data analysis, and generation of QCA analysis report
- ◆ Supporting dynamic correction of stent position to enhance stent visualization
- ◆ Full-automatic seamless image splicing to expand diagnostic coverage and clearly display limb details

## Clinical application in all departments

Cardiovascular intervention in left coronary



Cardiovascular intervention in right coronary



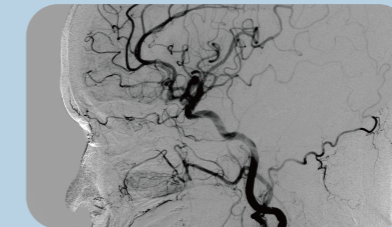
Step imaging



Abdomen



Neurointervention



## One-Stop Solution

- ◆ Lepu Equipment, provides you with an overall solution from interventional equipment to operation of the intervention department.
- ◆ Customizes the development and construction roadmap for the intervention department of hospitals.
- ◆ Helps hospitals quickly start their interventional department construction.

We quickly start and set up Interventional Diagnosis and Treatment Center with you within 6 months.

We provide support and assistance in designing Specialized Cath-lab and setting up medical teams.

We provide three-in-one service: operation, medical treatment quality and professional publicity.

## Stent Enhancement

As an image recognition technique, it is used to realize the motion compensation for the X-ray image to clearly and accurately display the fine structure of the stent, and help physicians immediately evaluate the release of the stent during the operation.

\* This feature requires detailed consultation with sales

## FFR

Deep learning can be used to divided and reconstruct the coronary artery CTA, calculate the fractional flow reserve (FFR), and help physicians evaluate patient's functional myocardial ischemia.

\* This feature requires detailed consultation with sales