Allengers

Passion for excellence

Serving Healthcare since 1987

DISTRIBUTED BY

EURONOXX™

EURONOXX MEDICAL GROUP

Successfully installed

525+ Cathlabs WORLDWIDE

Proxima CS

Ceiling Suspended Cathlab with New "Synergy Acquisition" Software

Quality, System and Safety Certifications

bsi. CE 2797 | bsi. ISO 13485:2016 | intertek | TÜV SÜD ISO 9001:2015 | AERB APPROVED

ABOUT US

Allengers since 1987, is revolutionizing the medical world with its offering of a wide range of high quality, cost effective state of the art medical equipment from its headquarters at Chandigarh.

Thanks to the trust and confidence of our valued customers, Allengers has emerged as a fine, world class company and a major force to reckon with in the medical equipment field.

MANUFACTURING UNITS

One of the India's largest manufacturing facilities of medical devices - Spread over an area of 100,000 Sq. Mtrs.

GLOBAL PRESENCE

Presently, being exported to more than 100 countries in the continents of Africa, Asia, South America, Europe, Middle East and CIS

Installation Base

80000 +

Worldwide

DOMESTIC PRESENCE

✓ 26 branches with direct sales and services operations

✓ 44 Exclusive and non-exclusive Channel Partners

Proxima CS

Proxima CS is a fusion of optimum image quality at low X-Ray dose along with versatile and fast movements upto 25°/sec. It enables the user to perform complex cardiac and interventional procedures.

It's 100 KW X-Ray generator with 3MHU liquid metal bearing X-Ray tube add power and endurance.

Available with FPDs 20 x 20 cm / 30 x 30 cm.

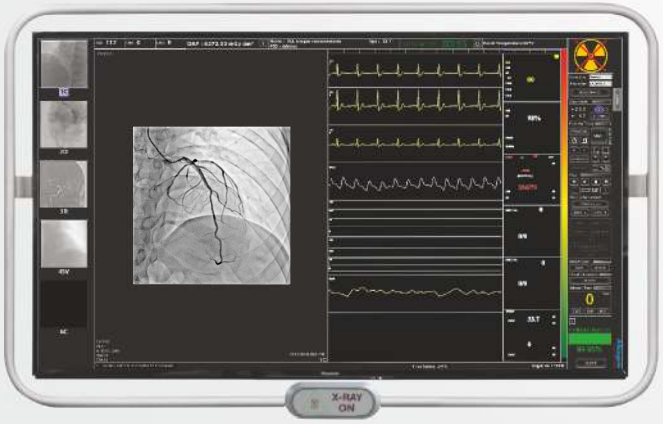
Comprehensive Cardio-Vascular
Interventional System

Salient Features :

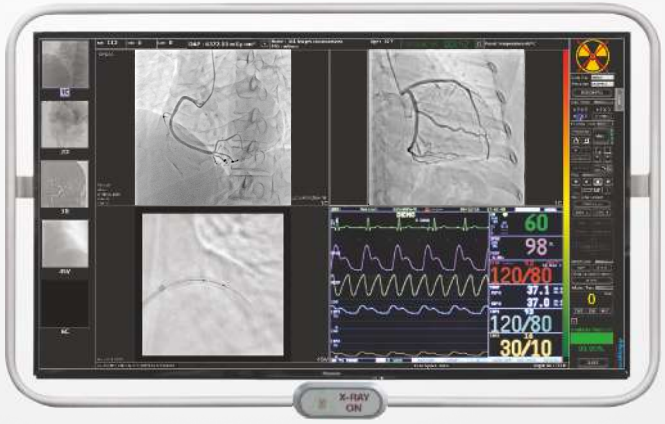
- Detector size 20 x 20 cm / 30 x 30 cm.
- 1K x 1K / 1.5K x 1.5K resolution & High DQE value.
- 55" high resolution, high luminous coloured monitor with multiple display options / medical grade monitor.
- Distortion free imaging.
- Motorized rotation and up / down movement of detector.
- 100 KW dual invertor based generator.
- Liquid metal tube for toughest clinical demands.
- Online Digital Subtraction Angiography.
- ASSURE Protocols for radiation protection.
- Stent view and Stent fade in fade out feature.
- Rotational Angiography available.
- More angles in LAO / RAO (-120° to +120°).
- Longer cathlab table for head to toe coverage.
- Integration / Interfacing of FFR / IVUS & OCT.
- QCA & QLVA.
- Parking Facility of Machine is available.

55” HIGH-RESOLUTION, HIGH LUMINOUS MONITOR

Multiple display 2 x 3



Multiple display 1 x 2



Multiple display 2 x 2

REAL DOSE “*i*DOSE” :

- Dose management display in real time.
- Frame rate settings.
- Tube heating can be controlled.
- Radiation dose can be controlled.

Dose saving protocol helps the user to minimize radiation.

ROTATIONAL ANGIOGRAPHY

+120^0 Home Position -120^0

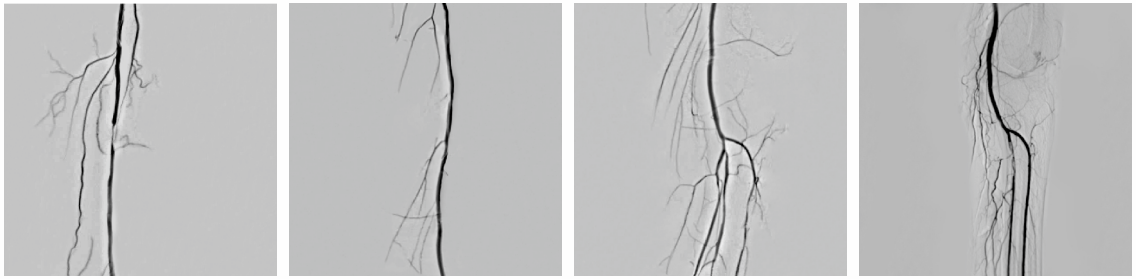
- Rotational Angiography (RA) is a method to acquire diagnostic images while the Cathlab gantry is in motion.
- Multi-dimensional view is available with better details of the anatomy.
- RA image data can be used to generate a 3D reconstructed volume of vascular anatomy. This reconstructed data can be used to plan intervention and treatment.
- RA helps to reduce the volume of contrast agent used as well as radiation dose.
- RA is also useful in case of visualization of complex vascular structures.

MONO SCAN

Right Coronary Angiography (RCA) and Left Coronary Angiography (LCA) can be done with single contrast injection.

PERIPHERAL SCAN

Peripheral scan helps in long limb angiography procedure. It also helps to visualize head to toe vascular anatomy of the patient in a single scan sequence.



C-Arm Movements

Addressing complex work flow through fast and programable movement control

True Isocentric C-Arm geometry with pre-programmable positions
and proximal sensors provide deep, quick and safe angulations in all projections.

RAO

LAO

CAU

CRA

LAT

Anti Collision Proximity Sensor
on FPD (Ensures patient safety)

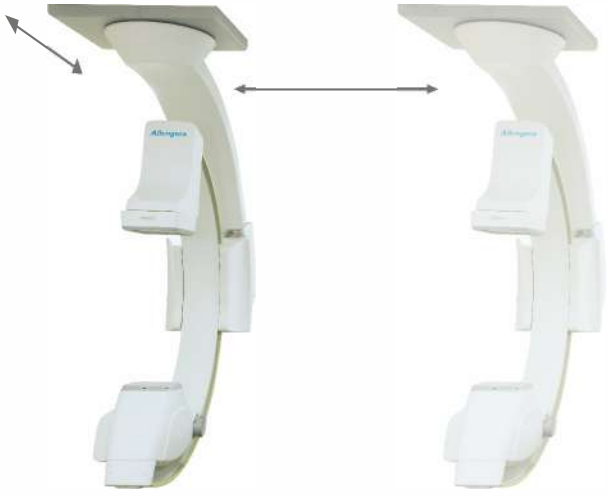
Anti Collision on Tube Side

Rotational Movement of FPD
(Ensures all related views)

L-Arm
Movements

Flexible "Around The Patient" movements of L-Arm (±90^0) helps in conducting various interventional procedures like Pacemaker Implantation, Radial and Peripheral Interventions

Transversal / Longitudinal movement



Parking Facility

Table
Features

- 8 Axis (longitudinal / transverse / up & down) movements.
- Extended table top for full body coverage.
- Radiolucent carbon composite table top.
- EM locks to stop movements at any desired position.
- Rotational swivel movement.

Foot End
Touch Monitor

Touch screen module provides easy access to the operator to select the frequently used functions along with image during the procedure. It can be placed on either side of the table.

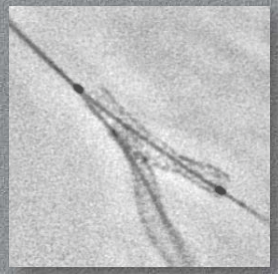
Foot End
Control Panel

Compact and user friendly unit which consists of all the controls for Cathlab gantry, Flat Panel Detector, Collimator and patient table with joy sticks. It also provides controls for post image processing like play, pause, scene ±, DSA and road map.

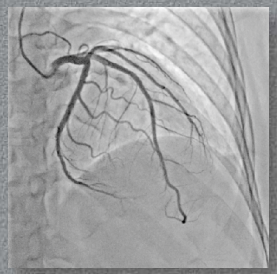
Clinical Images

Keeping ‘high’ image quality and ‘low’ radiation dose are the most prominent drivers in the development of our imaging portfolio.

Stent View




Coronary Images

DSA Images




Console Room

NEW SYNERGY ACQUISITION SOFTWARE

Efficient Digital Imaging Workflow (DICOM 3.0)

Imaging Software :

- Image acquisition up to 30 fps @ 1K x 1K / 1.5K x 1.5K resolution in fluoro and cine.
- QCA, QLVA, measurements of length angle, stenosis and area.
- Real time online DSA, road map, pixel shifting, re-masking and peak opacification.

Monitors (2 Nos.) :

High resolution and high luminance monitors :

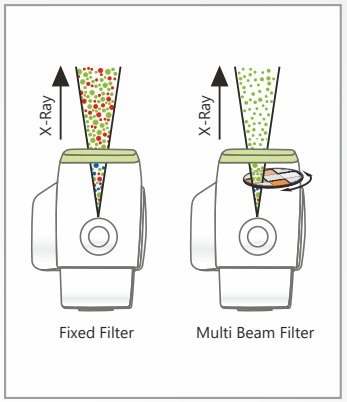
- 1 No. 27" Live Monitor
- 1 No. 19" Monitor

CISCO ROUTER FOR REMOTE SYSTEM DIAGNOSIS

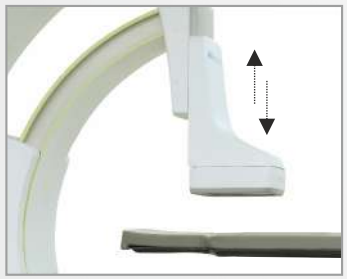
- Secure connectivity.
- 24 x 7 remote assistance for remote diagnostics.
- Remote configuration and management for new software update.

Allengers ASSURE Protocols mechanism ensures minimum radiation dose to the operational staff and patient in the procedure room. ASSURE Protocols use different methods to control the primary beam and scattered radiation and keeps them far below the safe radiation limits.

Upper / Lower Body Protection :
Ceiling suspended lead acrylic protection screen and lead flaps ensures radiation safety for upper and lower body.

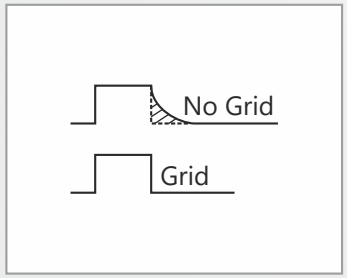


Multi Beam Hardening Filter :
Blocks soft radiation at all dose levels and keeps the dose constant at all levels of X-Ray exposure conditions ensuring consistent image quality.

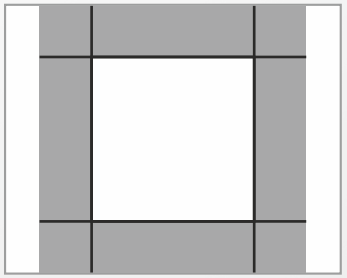


SID Control :
Variable Source to Image Distance reduces X-Ray dose by minimizing the distance between X-Ray source and image receptor.

Integrated Dose Area Product Meter :
Measures the effective dose delivered and helps to keep the patient dose to the minimum.



Grid Switching :
Reduces soft X-Ray dose to the patient by eliminating the TAIL of exposure pulse.



Radiation Free Preview Collimator :
Radiation free preview collimator can be applied at any desired location without X-Ray exposure.

PRODUCT INFORMATION

Model	Allengers Pride HP
Series	Proxima CS
Output Power	100 KW with FPD
Power Requirement	Stabilized 3-phase, 100/125 KW, 400V AC, ±10%, 50 Hz. 120 KVA UPS required for entire Cathlab equipment

ASSURE Protocols : All X-Ray based equipments involve some potential risk of radiation exposure. We, at Allengers understand your concerns. Allengers is fully committed towards radiation safety and care of its customers.

Allengers has introduced ASSURE Protocols, which is a step in the direction of delivering best possible image quality at lowest possible dose. Allengers products with ASSURE Protocols are carefully crafted to protect users and patients from unwanted leakages in the X-Ray equipment.

ASSURE version mentioned is based upon highest configurations of safety standard protocols and is configuration dependant which may vary for desired combinations.

DISTRIBUTED BY

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