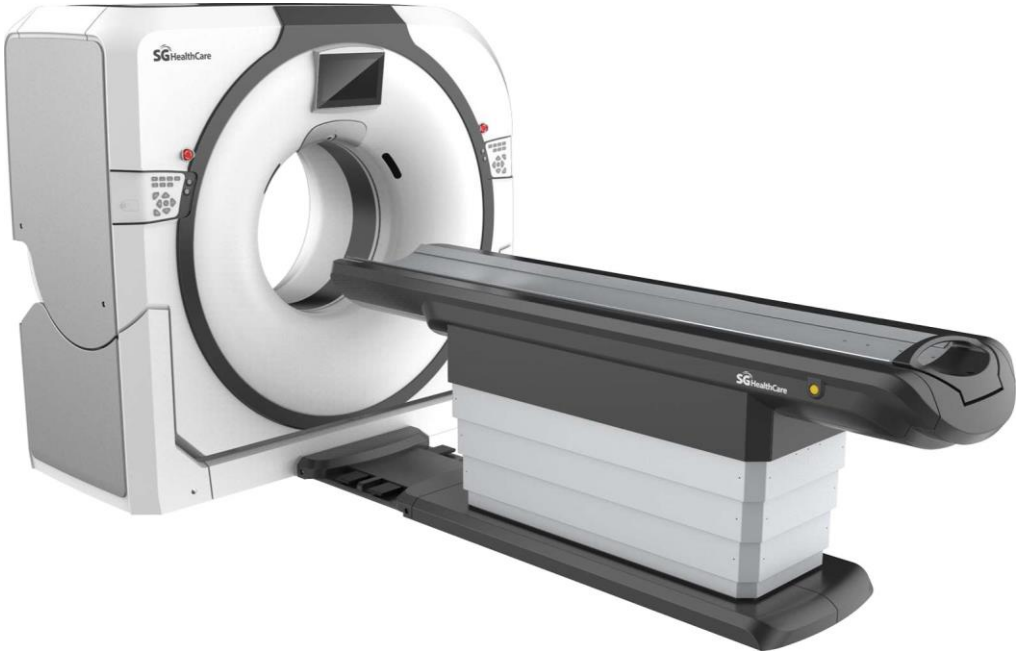


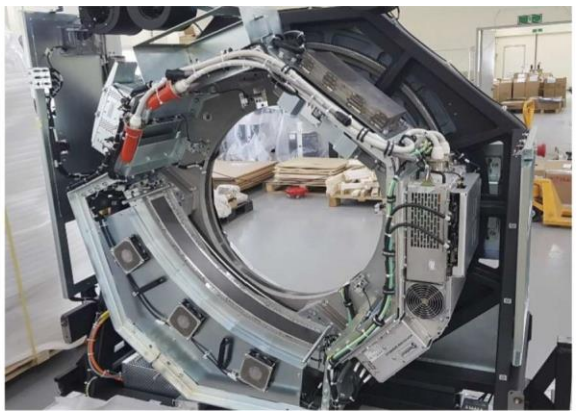
DOMINUS

PRODUCT CATALOGUE

16-128 Slice CT System
Advanced Visualization Solution

A Better Insight into:

I Product quality I Customer satisfaction I Technical innovation



SG HealthCare is the global leader in the medical diagnostic equipment industry with world class technology advancements.

Today, we continue to spread the importance of "Seeing more" and "Knowing Better" as opposed to mediocre diagnosis. The information from our systems allows acute analysis, thus increasing the chance of saving lives.

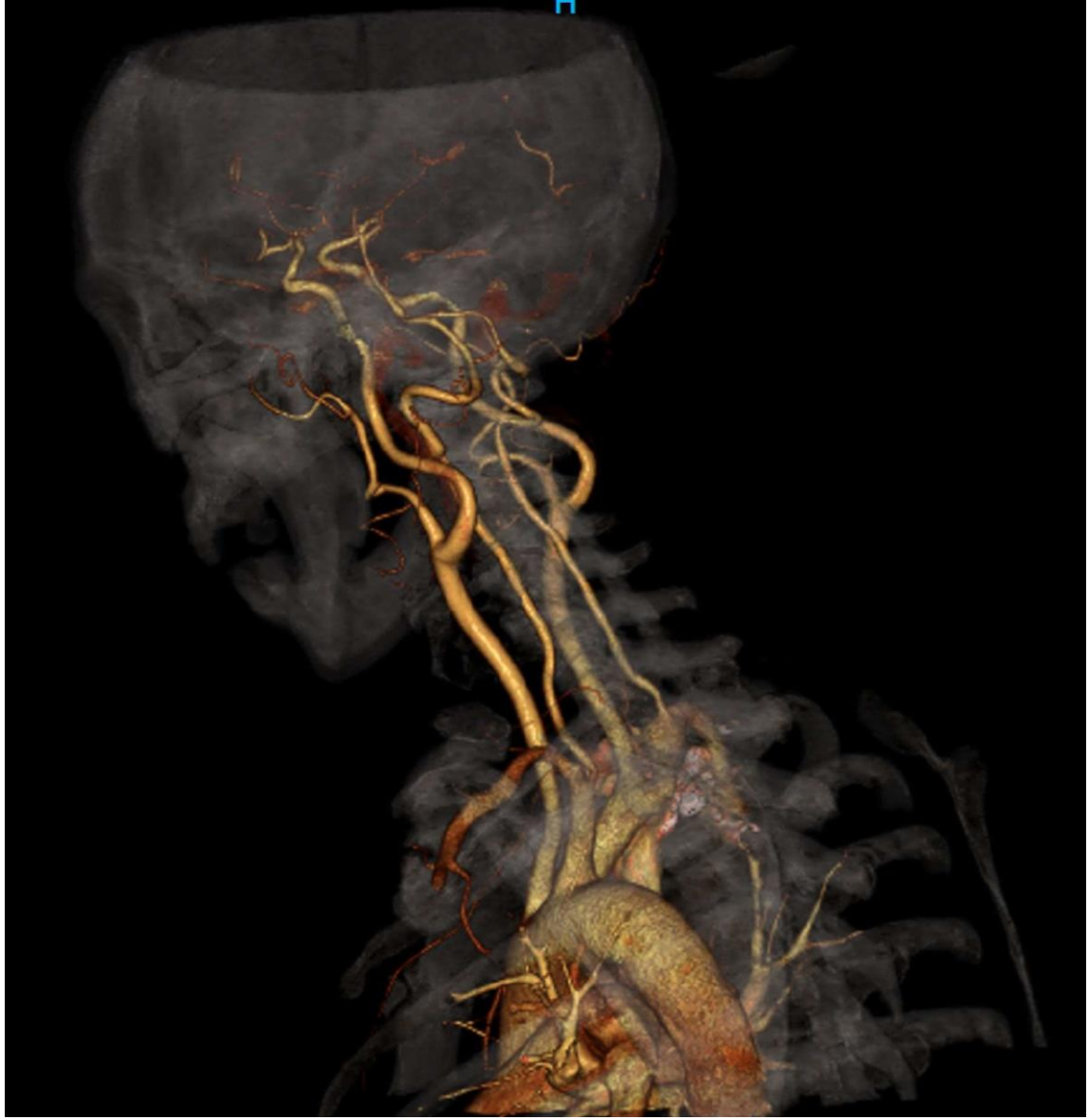
X-ray, MRI & Ultrasound systems made by SG HealthCare are widely used all over the world from tiniest mobile clinics to national hospitals. SG HealthCare has proven itself to be revolutionizing the field of medical diagnostic systems and continues to help people all around the world see better with us.

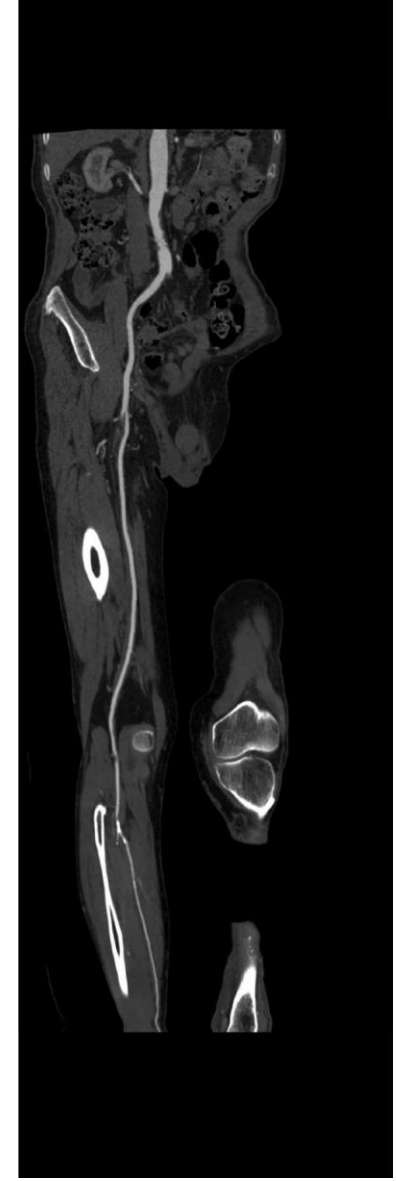
Thank you.

DOMINUS

16/32/64 S/64

Multi-function CT series



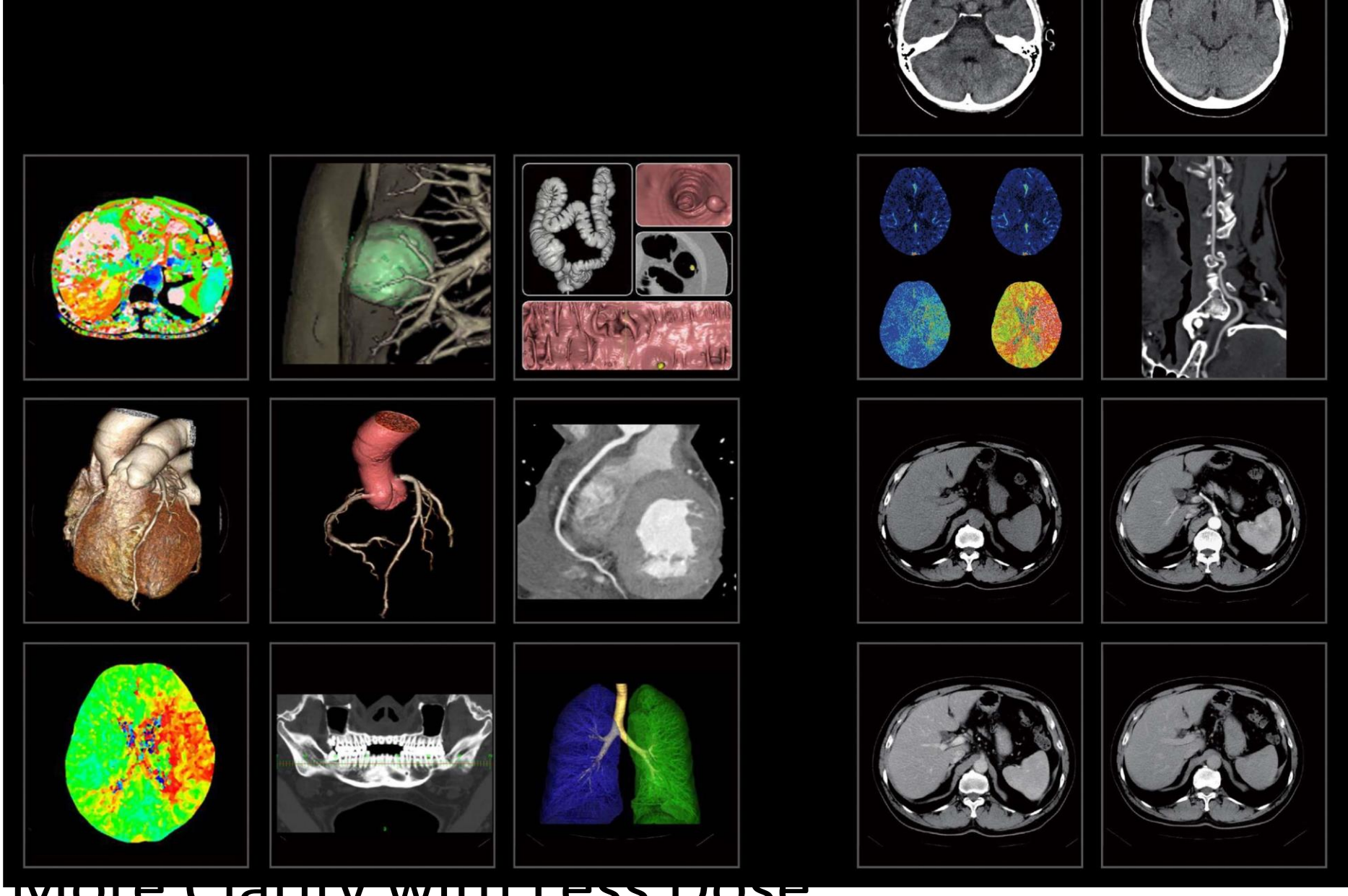


Bring more and more benefits to customers.

- High definition imaging(20 Lp/cm)with minimum dose.
- Easy to use with large 76 cm scan bore and 250kg patient couch.

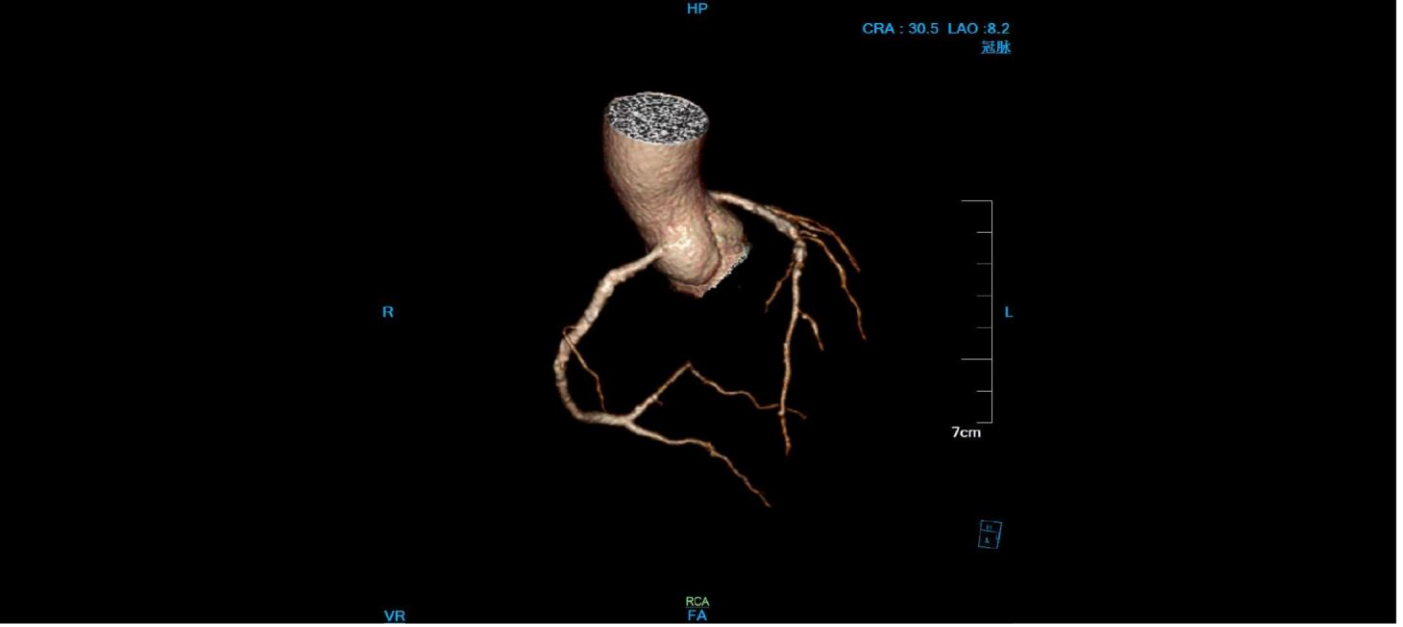
1 32-row submillimeter detector with 20mm coverage realize fast scan and high quality images

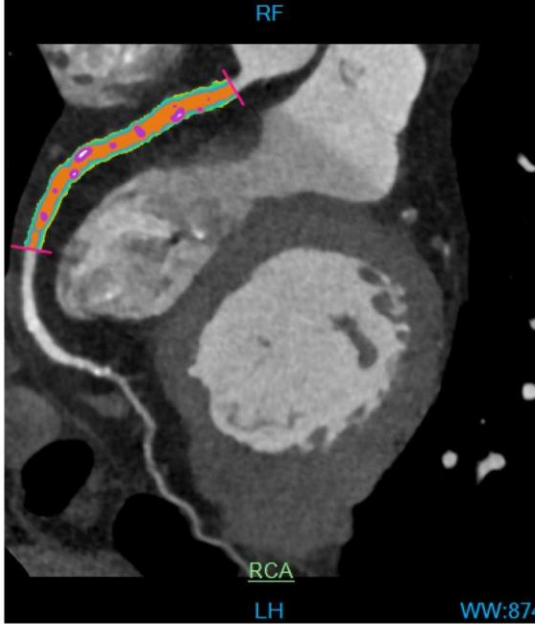
1 5.3MHU/8.0MHU tube with 50kW/80kW generator provide long life and high profit for hospitals.



More Clarity With Less Dose

- 76cm large scan space provides greater openness for easier patient position.
- 64Rows/1 28 slice imaging platform generates full applications • Fast workflow and excellent visualization solution
- Significant dose reduction and excellent clinical performance



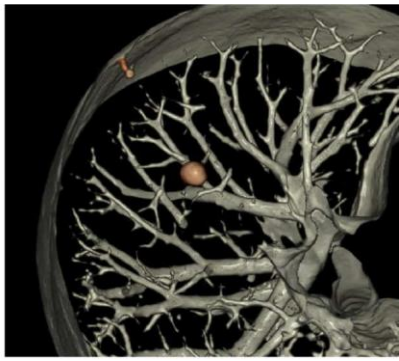


- Cardiac application package

I Optimize Your Financial Performance
I Enhance Your Clinical Portfolio
I Patient throughput optimization
I Lower dose by design

DOMINUS

Built for clinical



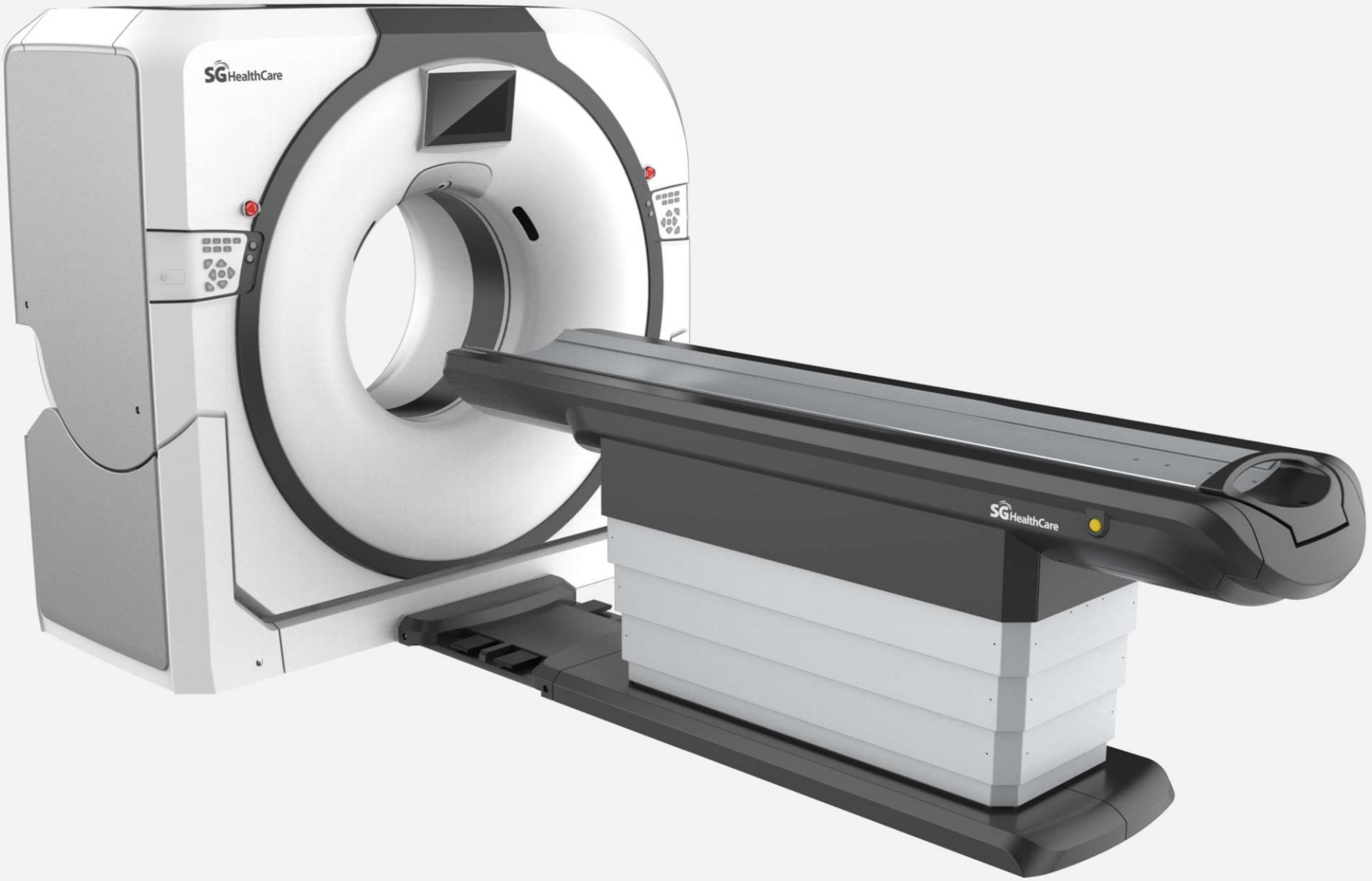
Enter the high-resolution CT world with the DOMINUS 32-slice capability and the clinical performance to enhance diagnostic confidence.

- 3.5M metal high capacity X-ray tube
- 350mA tube current selection
- 32 slice fast and precision scan
- Efficiency from positioning to post-processing.
- Perfect size of 0.6mm slice thickness detector
- Advance iterative reconstruction based on the noise model.
- 70kV advanced low dose scan

Advanced 128-slice CT designed to drive efficiency and full range application.

Top-level product with high configuration and economic profit to customer.

SG HealthCare

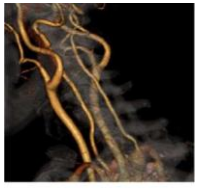


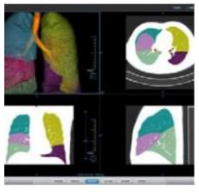
Lung Nodule Analysis

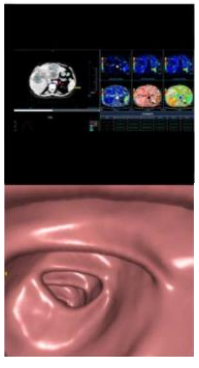
Visualization Lung parenchyma
And segment nodule

Tumor Assessment

Displaying tumor segmentation and
Measurement result







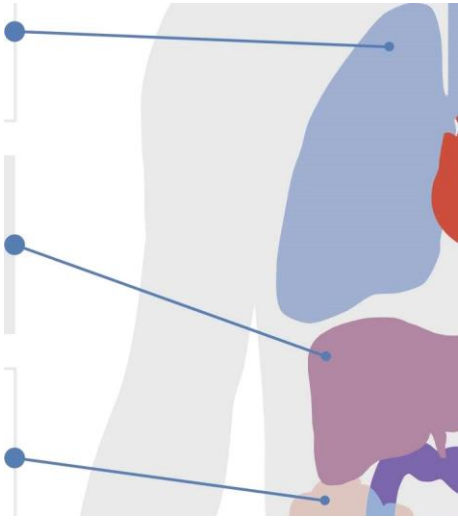
One click Vessel
Segmentation
And Measurement

Lung function analysis

Calculate the volume of
emphysema, Left lung,
right lung and trachea

Body Perfusion

Providing whole-organ
or single-location
Liver perfusion or tumor
perfusion



Virtual Endoscopy

Advanced visualization solution

Vessel Analysis

Fly-through for colon,

Trachea, vessel

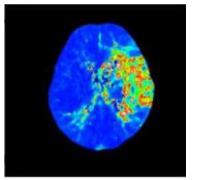
InsightVision post-processing workstation

The IVW is an advanced visualization.

Workstation that offers a integrated solution foe muti-modalities and clinical domains to help you work quickly with increased diagnostic confidence

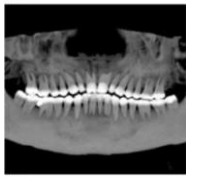
Brain Perfusion

Displaying the TDC, CBF, CW, MTT, TTP images



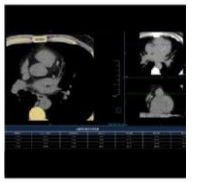
Dental Analysis

Creating panoramic image and sectional images



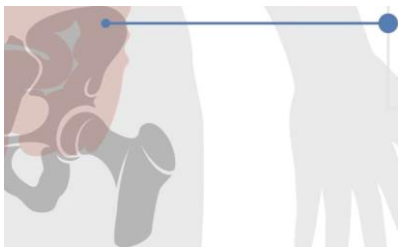
Cardiac Calcium Scoring

Measuring Calcium Score and Displaying Pseudo Color



Virtual Colonoscopy

Auto-segmentation Colon; Extraction Colon centerline

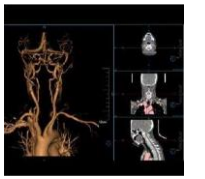


3D Volume Rendering

Image Cutting, Tissue Management, Volume Calculation

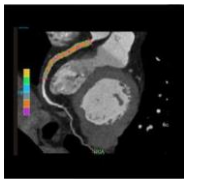
CT-DSA

Display subtract result and Generate new data series

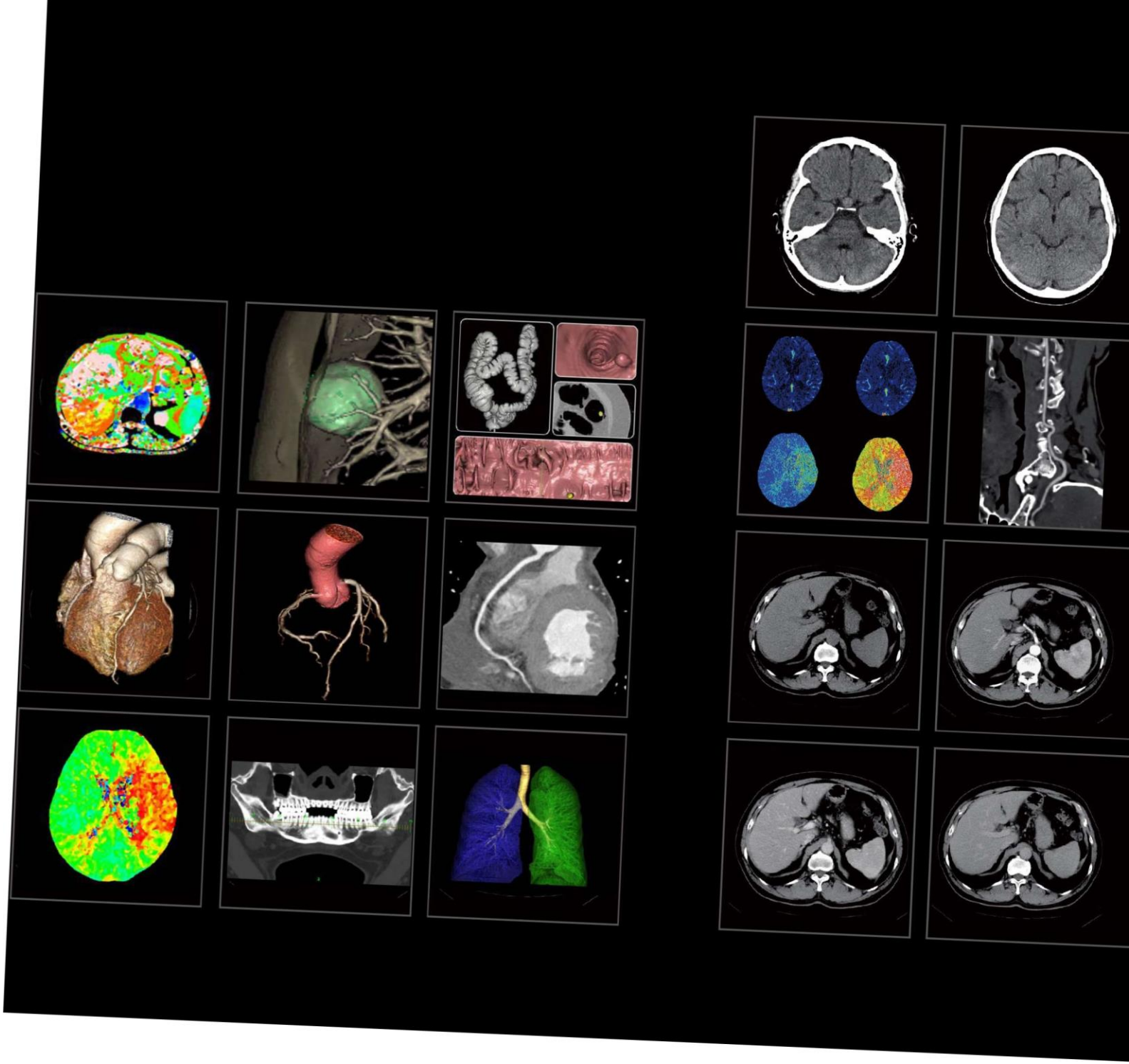


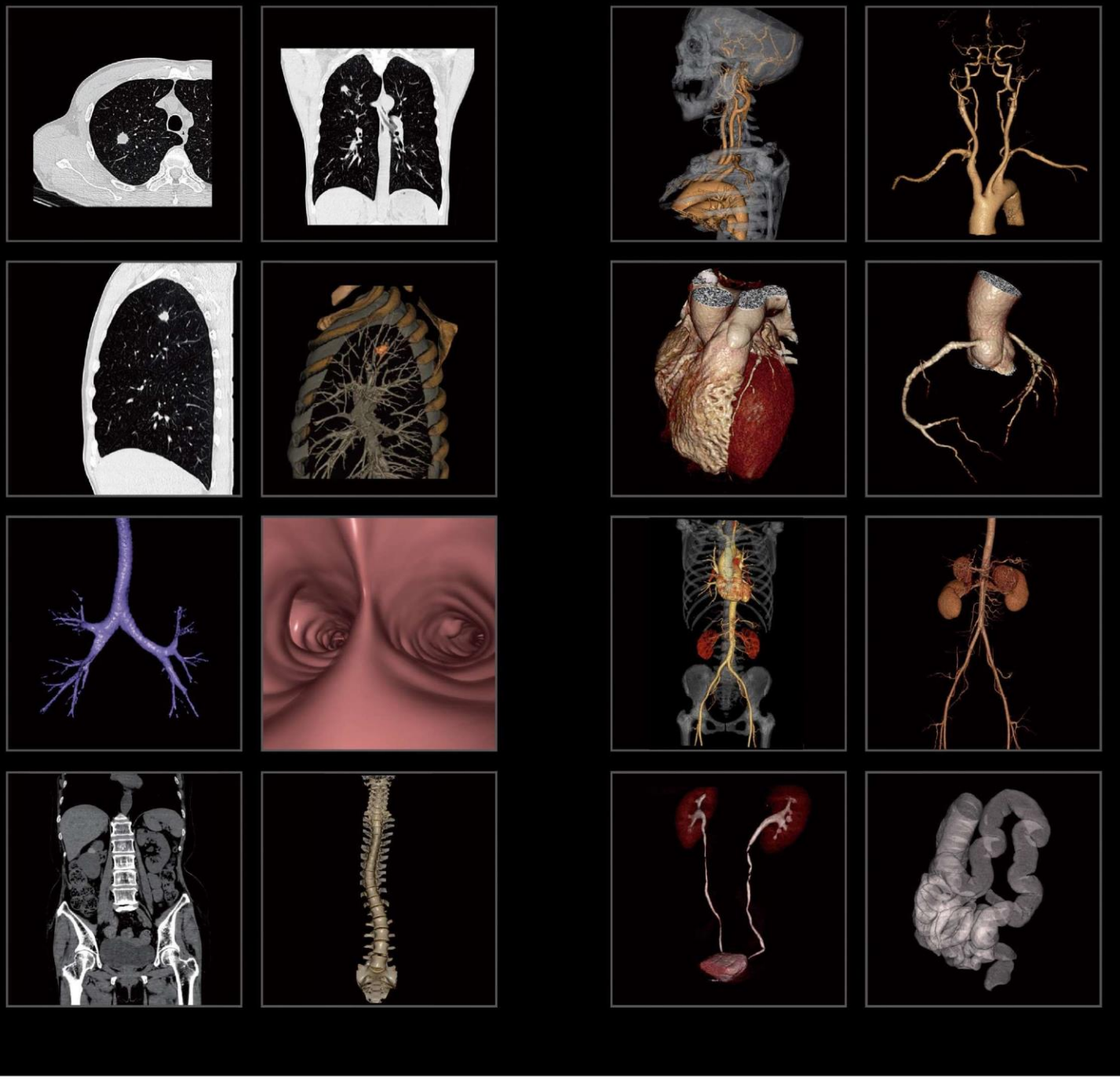
Coronary Analysis

Vessel stenosis measurement; Coronary extraction and plaque analysis



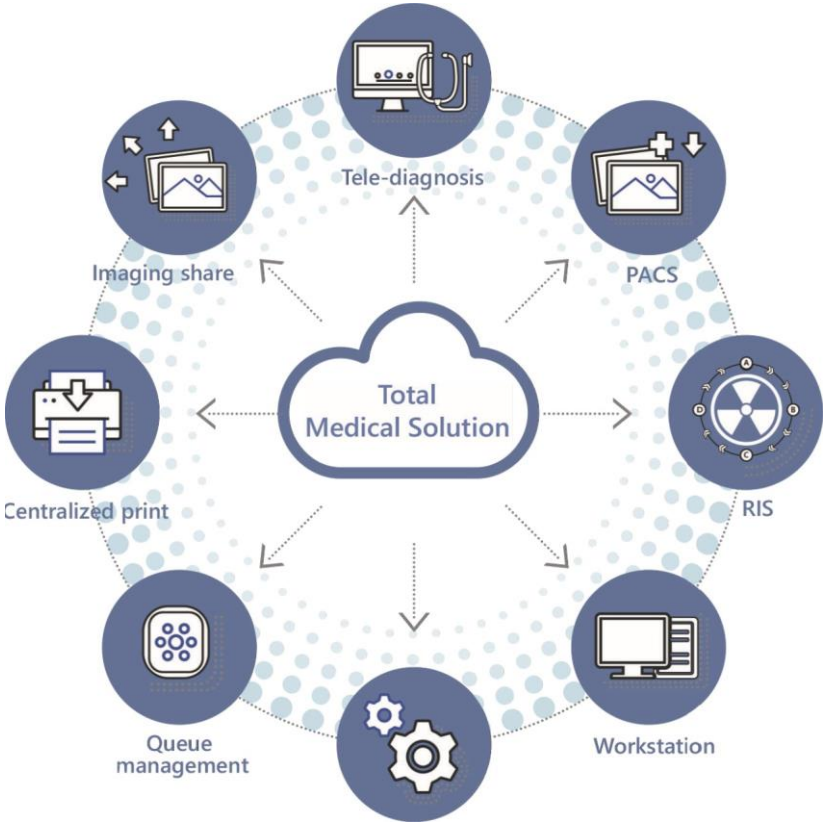
Full-rangeClinical Applications





Advanced Visualization Solution

Making it easy for healthcare providers to share patient images, collaborate on clinical workflows, and communicate diagnosis report.



I Post-processing collaboration, powered by Insight Vision clinical packages and tools.

I Puts PACS system and workstation together with innovative cloud solution.

Modality

Global Service and Logistics Support

SG HealthCare delivers cornprehensive service experience to our customers, while offering cost-effective and superior products.

I Help our customers to control maintenance costs, mitigate medical risk/ expand medical business and create more value for clinical diagnosis.

I Remote diagnosis and predictive maintenance minimize downtime and maximize equipme