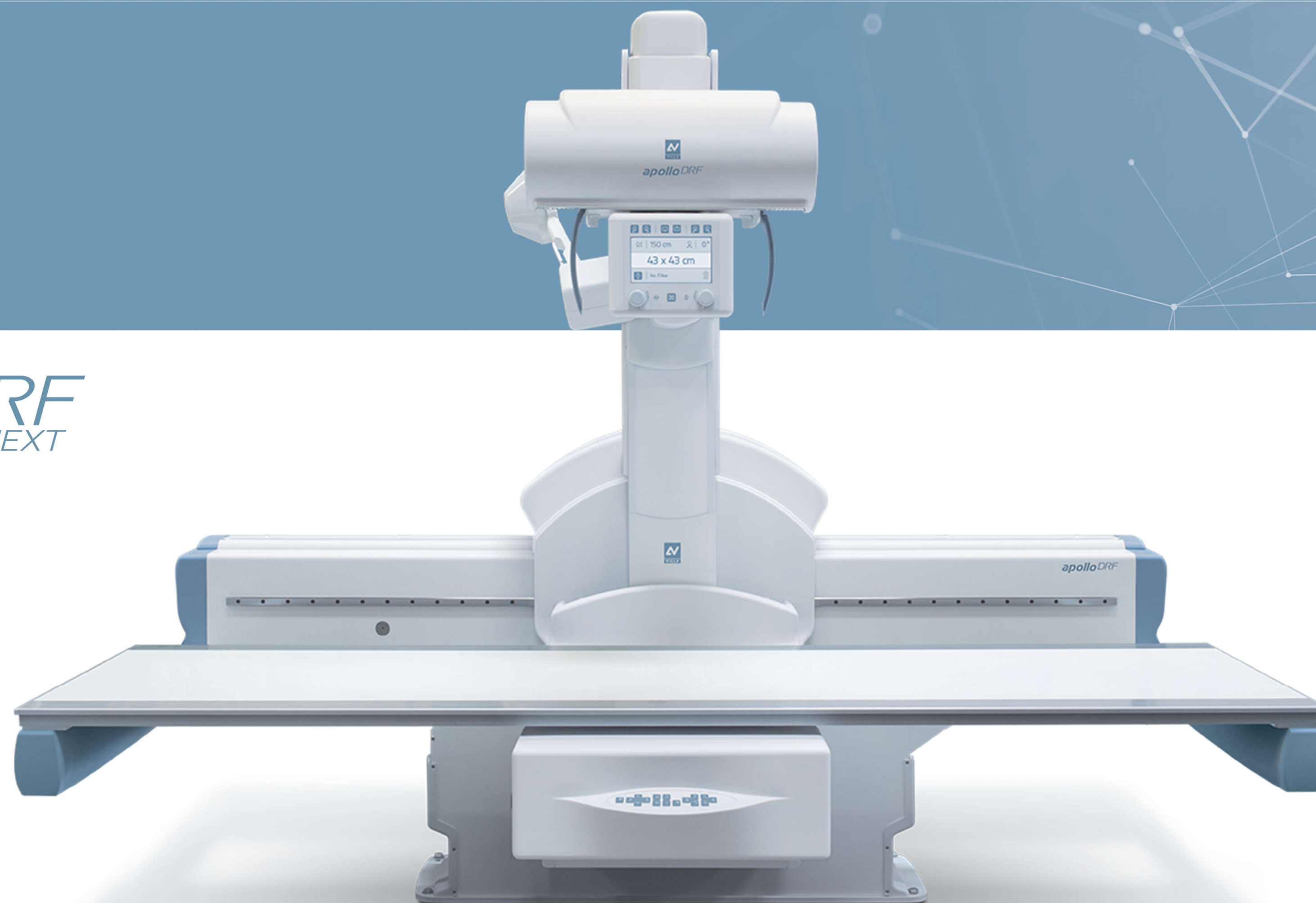




Villa Sistemi Medicali
Marketing Division

apollo DRF
4.0 NEXT



1	DRF Models
2	Key Points
3	Applications
4	Main Features
5	Accessories



DRF Models



1

DRF Models



Accessibility from three sides of the table

Multilayer low absorption elevating tabletop

The wide travel of the tube-detector assembly ensures complete patient coverage

Maximum patient weight 284 kg without movement limitation



Accessibility from four sides of the table

Carbon fiber elevating tabletop

The wide travel of the tube-detector assembly ensures complete patient coverage

Maximum patient weight 230kg without movement limitation



Accessibility from three sides of the table

Non-elevating tabletop

2-way or 4-way tabletop movement

Maximum patient weight 200kg without movement limitation

Compact structure with minimal footprint



apollo DRF
4.0 NEXT

1

DRF Models

Apollo DRF 4.0



Maximum patient weight capacity of 284 kg

-----> Wide scanning area of the tube-detector assembly



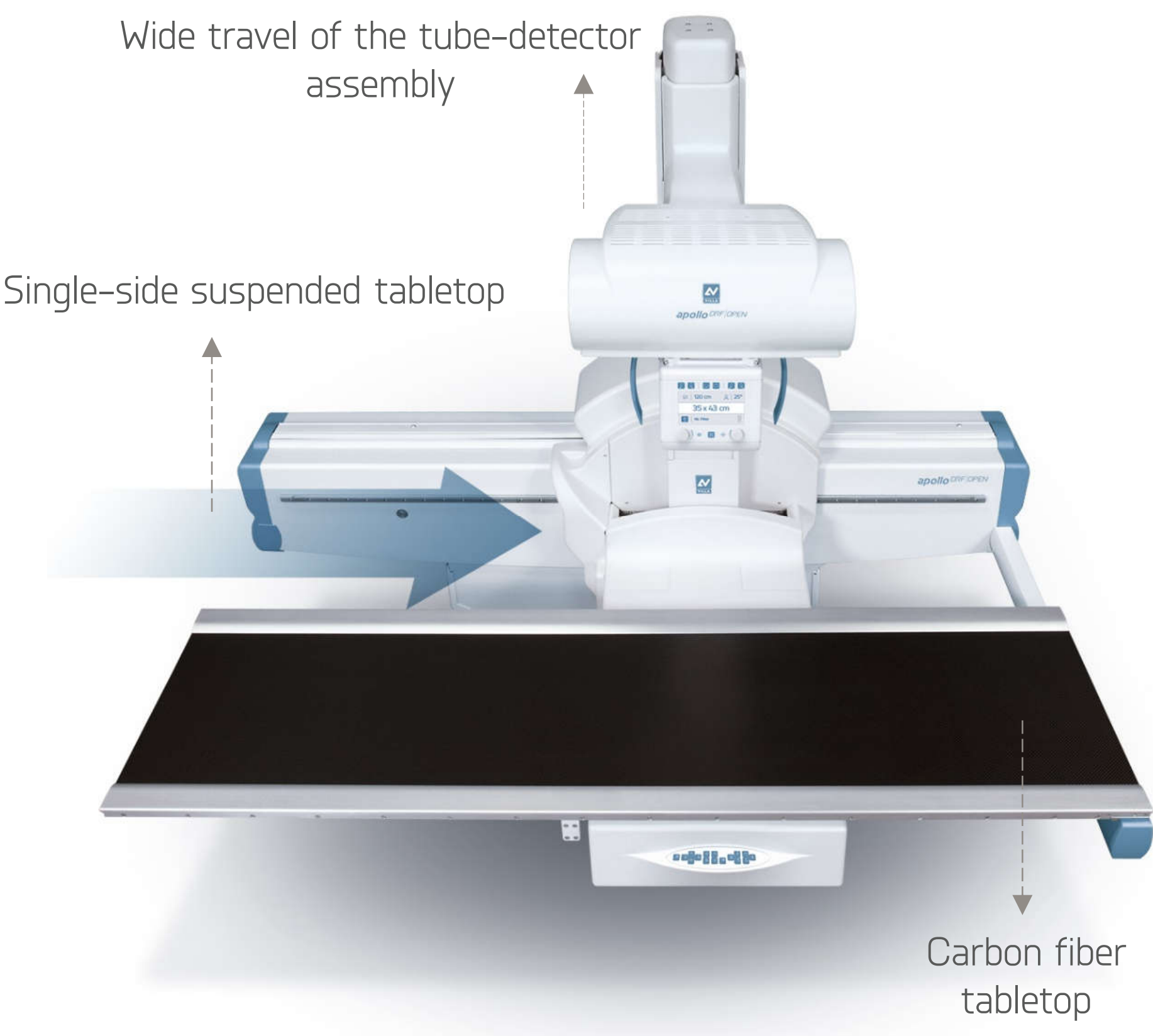
Elevating table

apollo DRF
4.0 NEXT

1

DRF Models

Apollo DRF Open 4.0



- Higher* table performance
- Greater operator flexibility
- Better patient care



* Compared to Apollo DRF

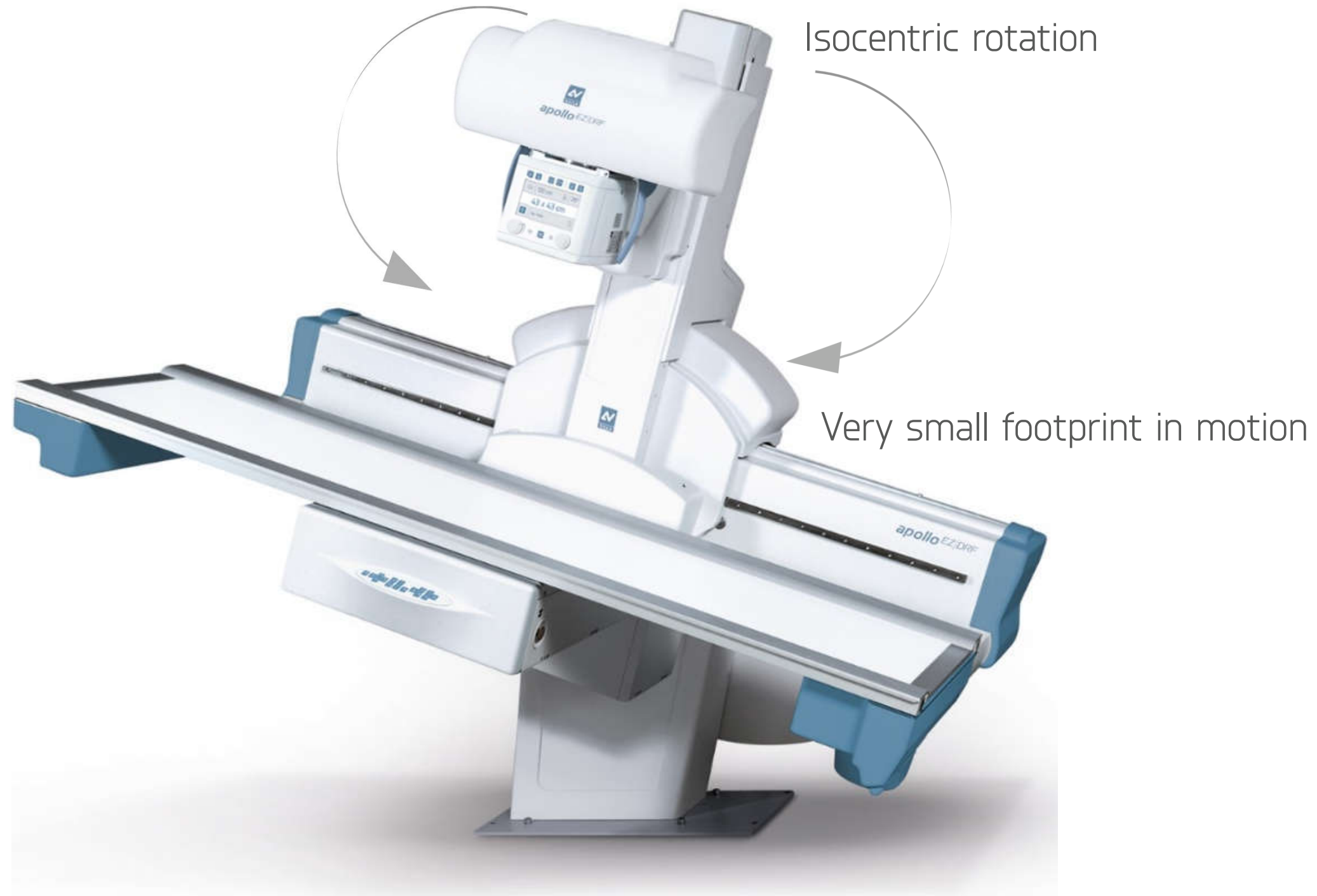
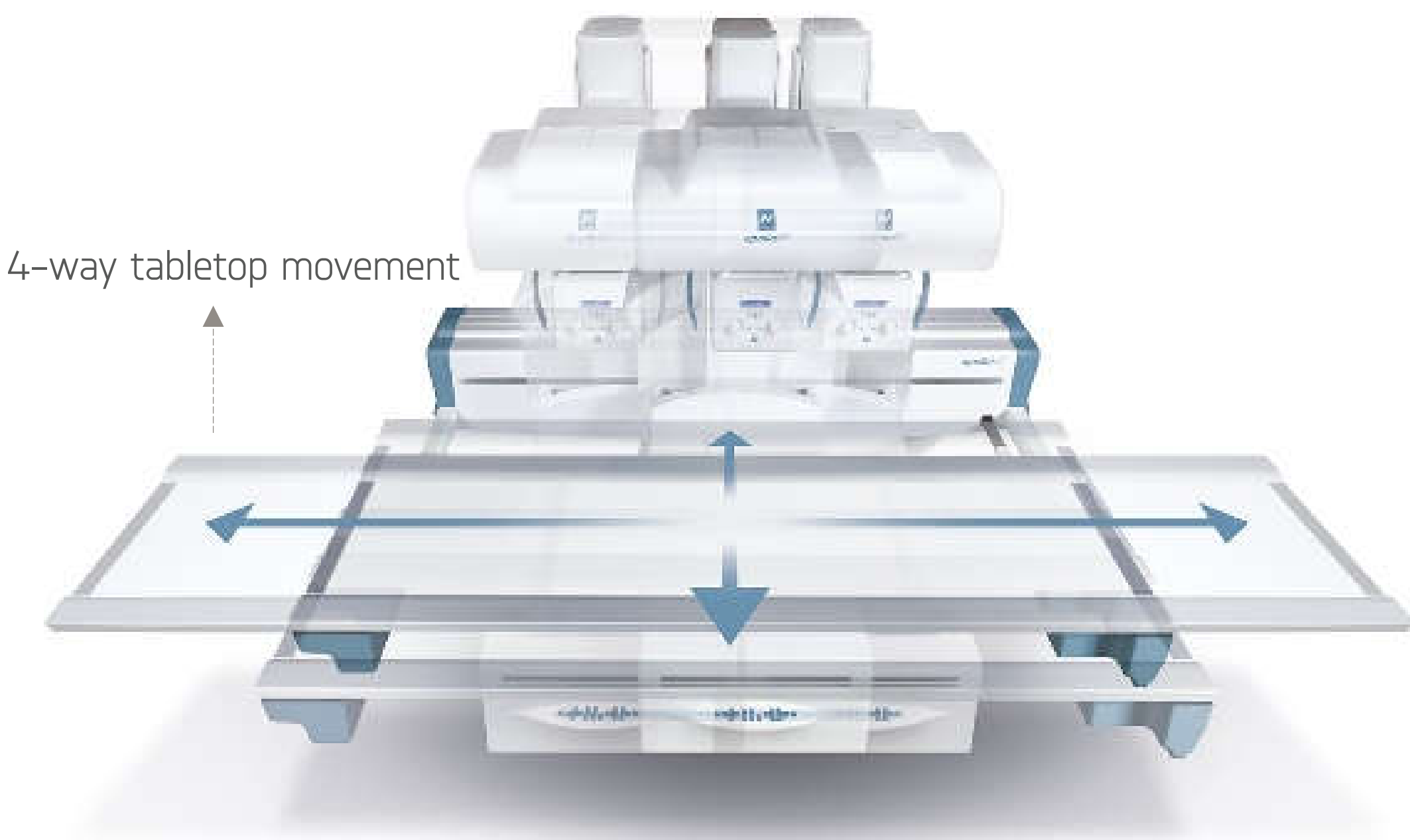


apollo DRF
4.0 NEXT

1

DRF Models

Apollo EZ DRF





Key Points

2

Key Points

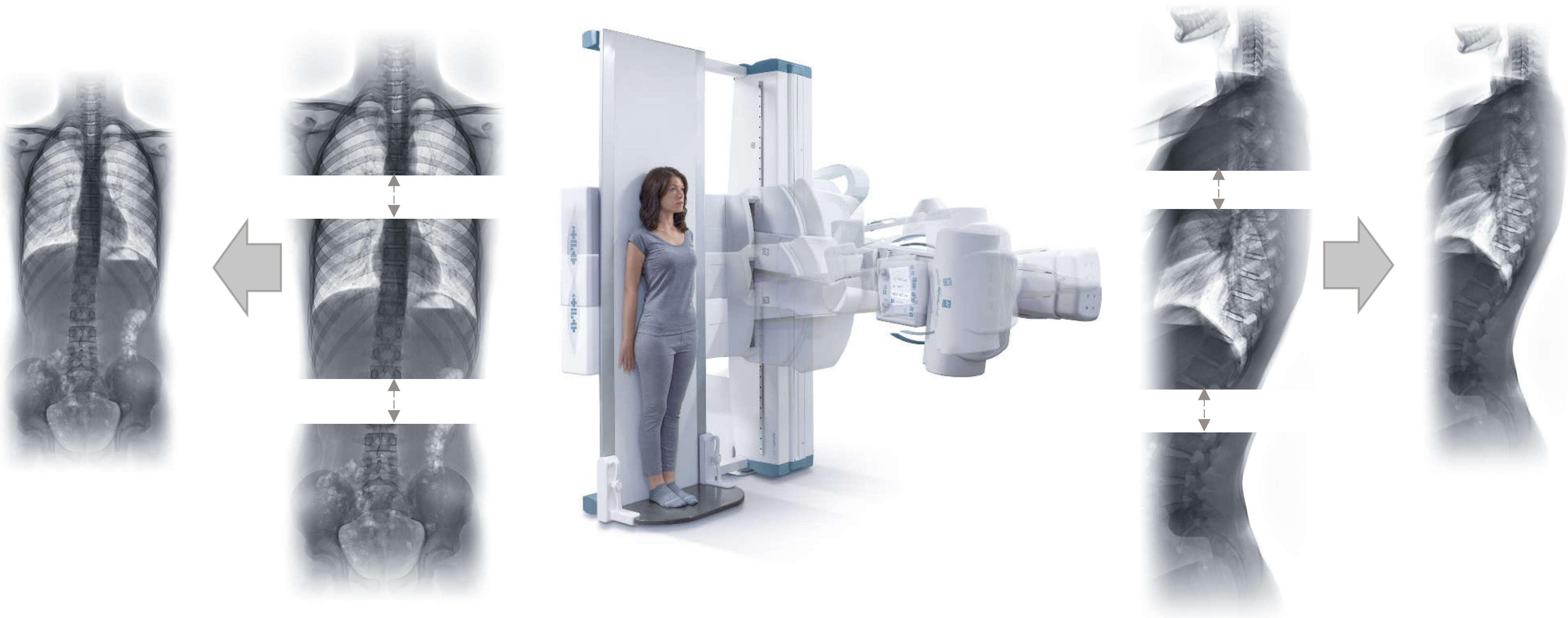
- Virtual scan
- Virtual collimator
- Integrated DAP (dosimeter)
- Automatic grid selection/parking
- Patient positioning integrated camera
- Stitching
- Tomosynthesis
- Touch screen collimator
- Smart-touch joysticks
- Two-way intercom with multilingual messages
- Console and digital imaging software with integrated generator parameters

apollo DRF
4.0 NEXT

2

Key Points

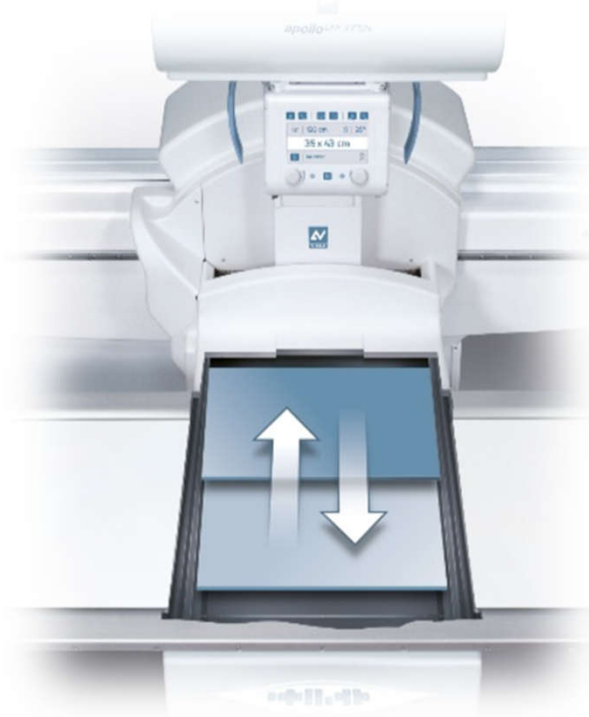
Stitching



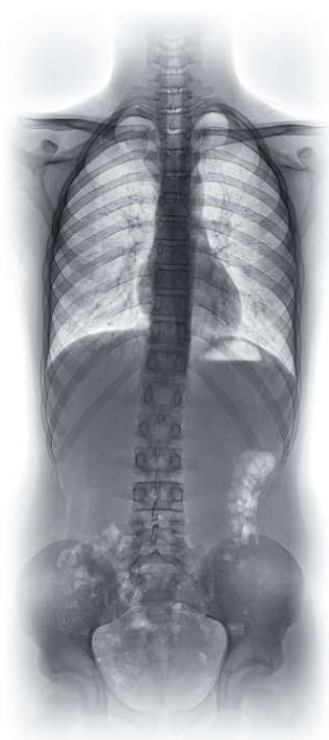
2

Key Points

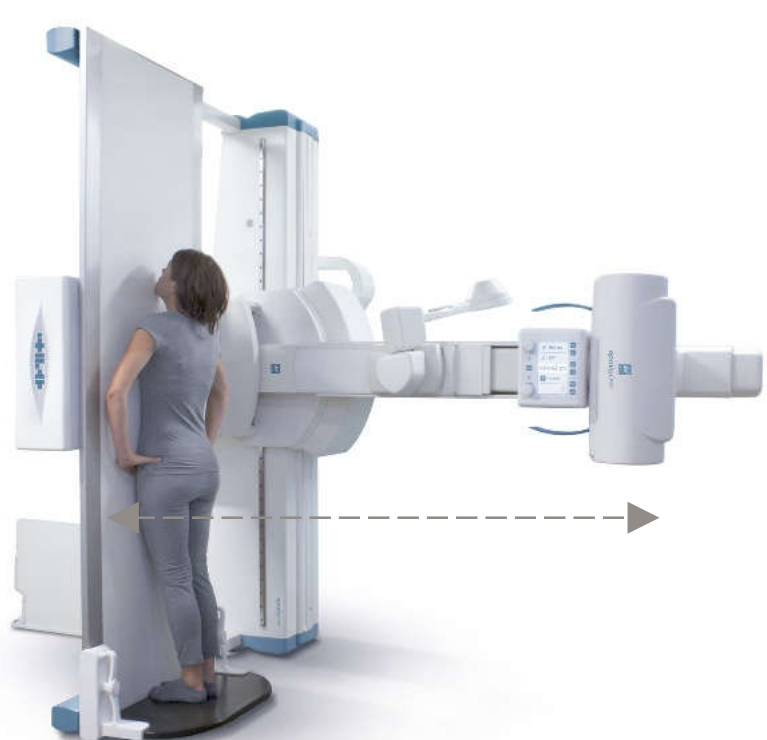
Flexibility & User-friendliness



Automatic Grid selection/parking for each type of exam



Automatic procedures & exams
(e.g. Stitching)

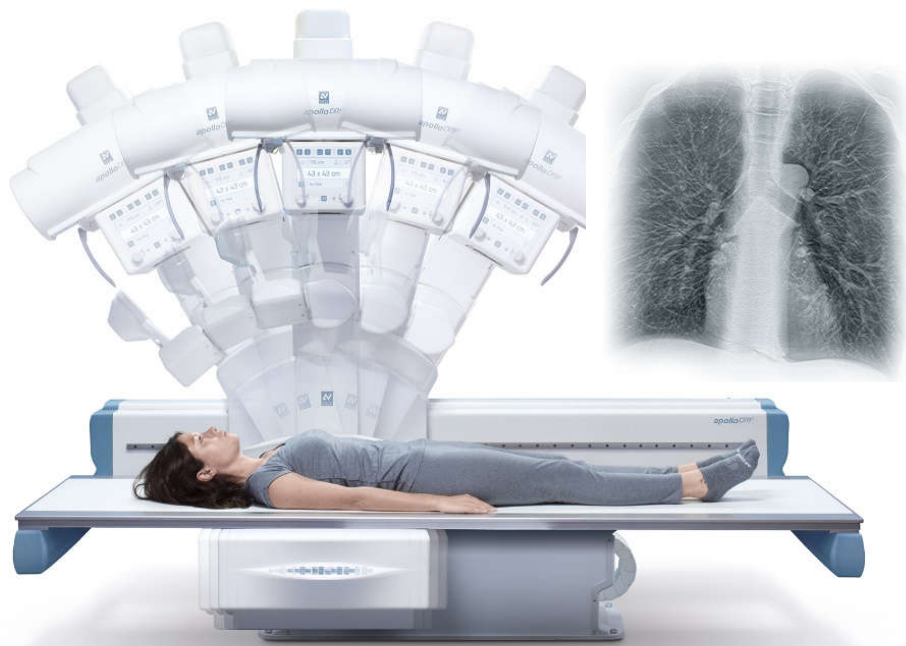


Optimum SID for chest exams



Integrated video-camera
for patient positioning

New collimator with the touch screen
interface and commands to adjust positioning



New digital Tomosynthesis
with angle selection of 20°, 30° or 40°



Touch screen
user interface

Two-way intercom

Smart interaction control

Efficient patient positioning
(Integrated video camera in collimator)



2

Key Features

Patient care and dose reduction

- Automatic removal of the anti-scatter grid for pediatric and extremities case
- 3 additional filters, automatically positioned due to examination & patient's size
 - Dose reduction
- Virtual scan function displays movement of collimator on the LIH acquired during table movements
 - Centering the area of interest without X-ray emission
- Virtual collimator function with diaphragm adjustment without X-ray emission by last image hold (LIH)
 - Allows the radiographer to set the correct FOV without additional radiation exposure





Applications

apollo DRF
4.0 NEXT

3

Applications



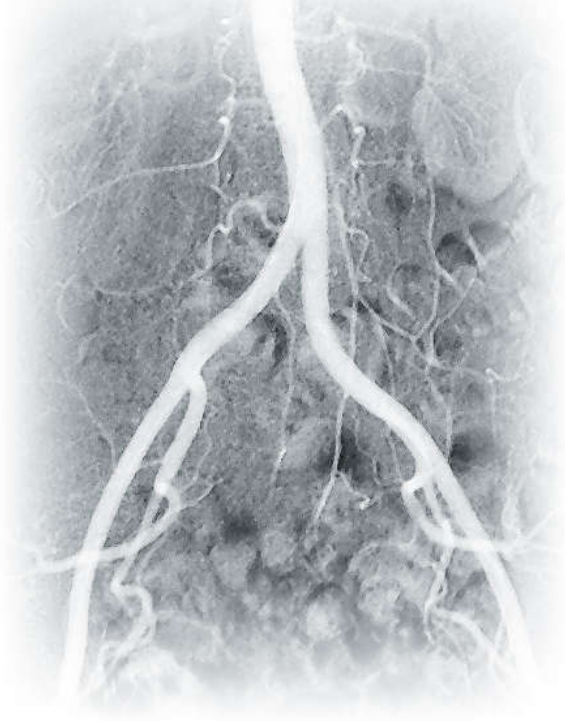
General radiology



Fluoroscopy



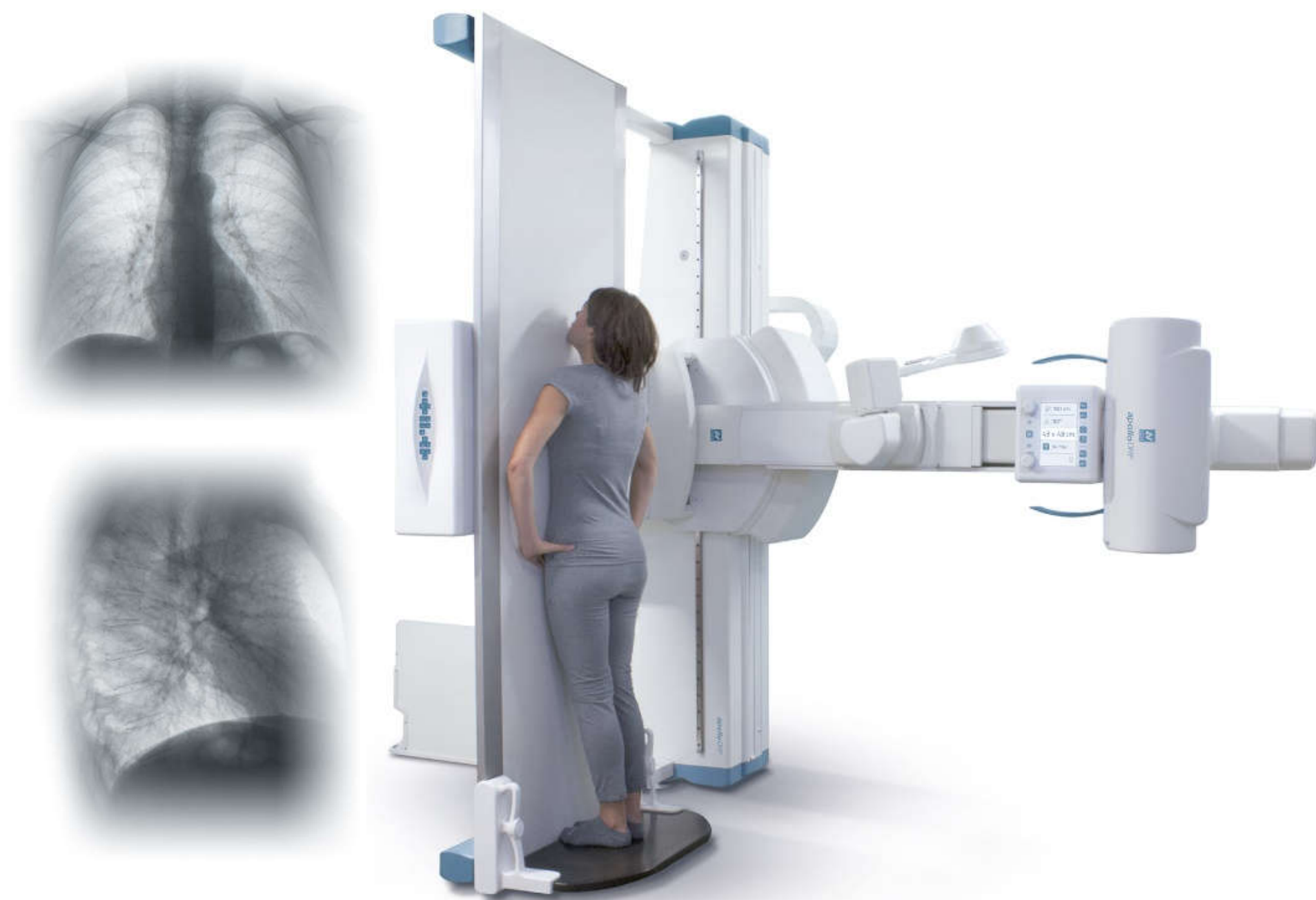
Vascular Examinations



apollo DRF
4.0 NEXT

3

Applications



Chest exam



Fluoroscopy (G.I. & exams with contrast media)



apollo DRF
4.0 NEXT

3

Applications

Flat panel direct contact examinations



Lower limb



Upper limb



apollo DRF
4.0 NEXT

3

Applications

Frontal & lateral lower limbs projection





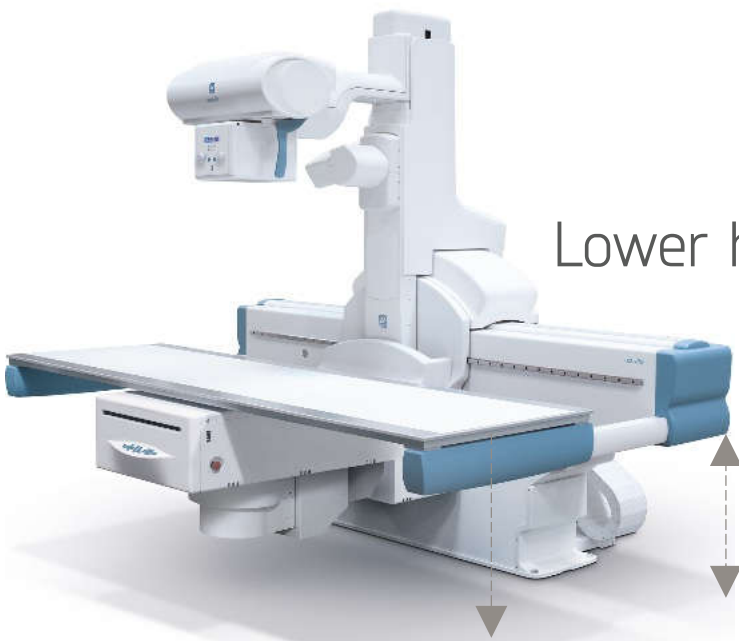
Main Features



4

Main features

Functional design and Efficiency



Lower height from the floor *

Completely edgeless surface of the table *



Easier patient access & transfer procedures from the stretcher



± 45°collimator rotation



Possibility to optimize the exposure on long bones



Tube rotation



Accurate positioning by increasing mechanical stops

Ergonomic design

More efficiency

* Only on Apollo DRF 4.0 & Apollo DRF Open





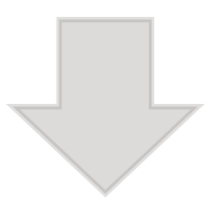
4

Main features

Superlative Flexibility



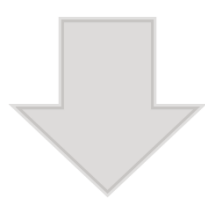
90°tilting in both directions*



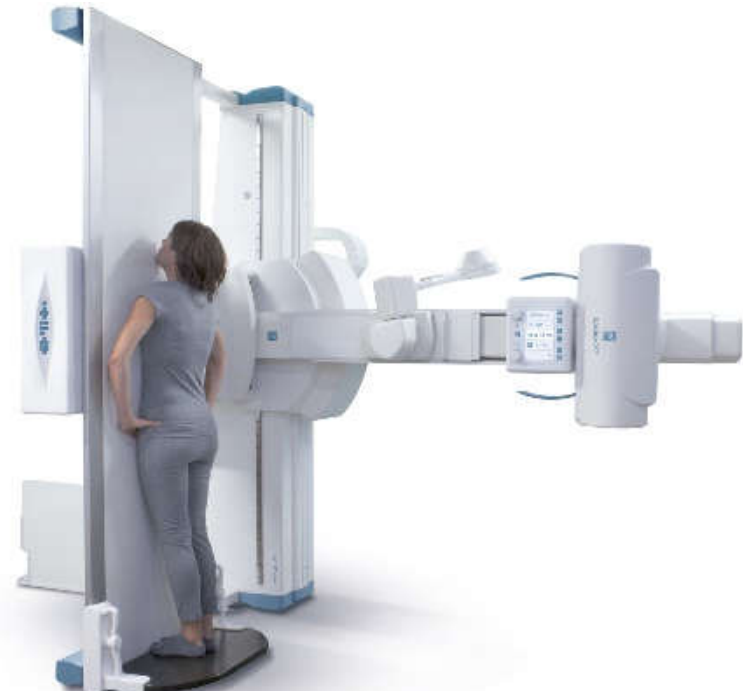
Installing remote-controlled table in different configuration of the diagnostic room



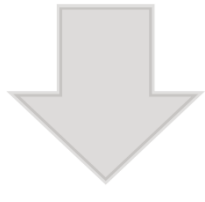
The wide movement of the tube-detector assembly



Full patient coverage, immediate centering ,avoid repositioning or moving table longitudinally



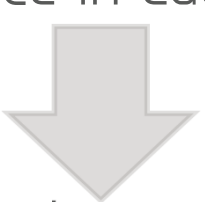
SID up to 180



Chest exam possibility



Motorised isocentric rotation of the X-ray source in each position



Oblique projection on the end of the table & patient exposure on stretcher

Rapid & accurate positioning

Wide range of radiographic projections

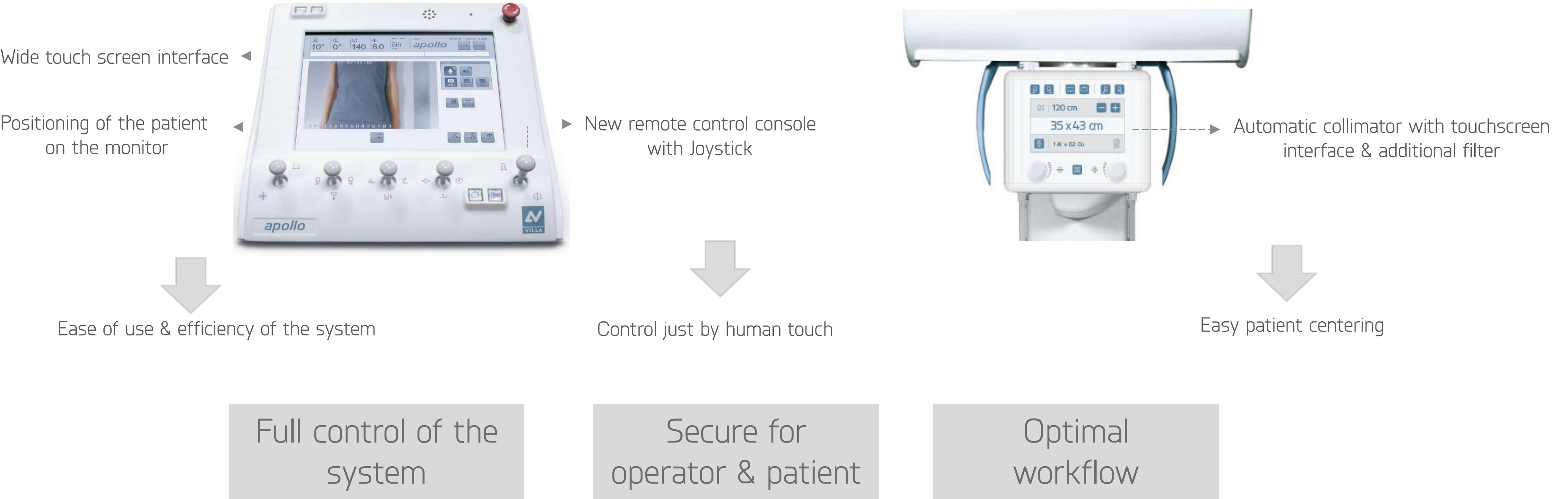
* Except Apollo EZ DRF



4

Main features

Superlative Flexibility



4

Main features

Superlative Flexibility

All Apollo DRF models can be combined with Lem ic
& Tele ic to provide a multi-functional system



4

Main features

Patient-oriented design



Weight capacity up to 284 kg *
without movement limitations



Easily accommodate bariatric patients

Wide tabletop without edge



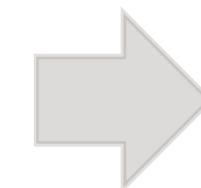
Best comfort

Collimator with filters
Carbon fiber tabletop
Grid-less exposure



Low patient dose

Video camera built
into the collimator



Display real-time patient positioning

Smart-touch joysticks



Safe function for patient and operator

Two-way intercom



Easy communication in several languages

Optimal R/F
solution

* Only on Apollo DRF 4.0. In Apollo DRF Open is 230 kg



4

Main features

Security Systems



Anti-collision tube/wall, tube/ceiling and tube/floor systems with acoustic warning & automatically stop movements

Anti-crushing system with automatic movement stop

Acoustic warning for operator when footrest near the floor

Safe and Secure



4

Main features

High level of automation



Automatic stitching

Table automatic Pre-set positioning key



Set (SID, collimation area, additional filtration, correct anti-scatter grid)



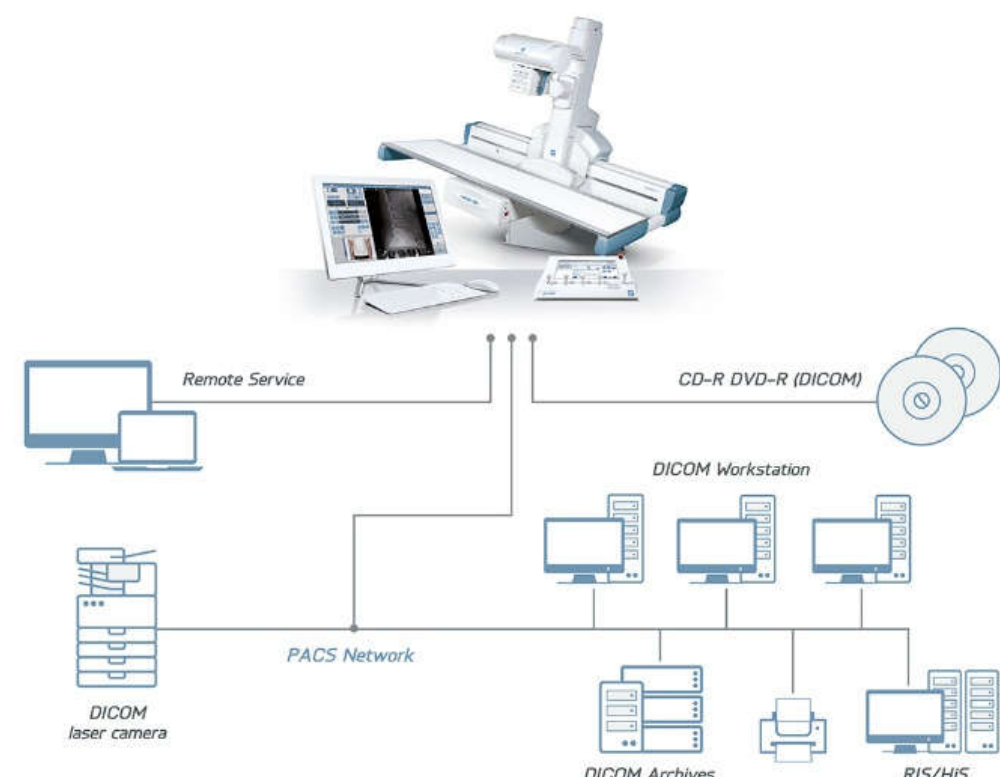
Rebuild a full image from a series of single images
(full leg/full spine exams)



Innovative Tomosynthesis

Low-dose acquisition from different angles of an anatomical part

Simple
&
fast workflow



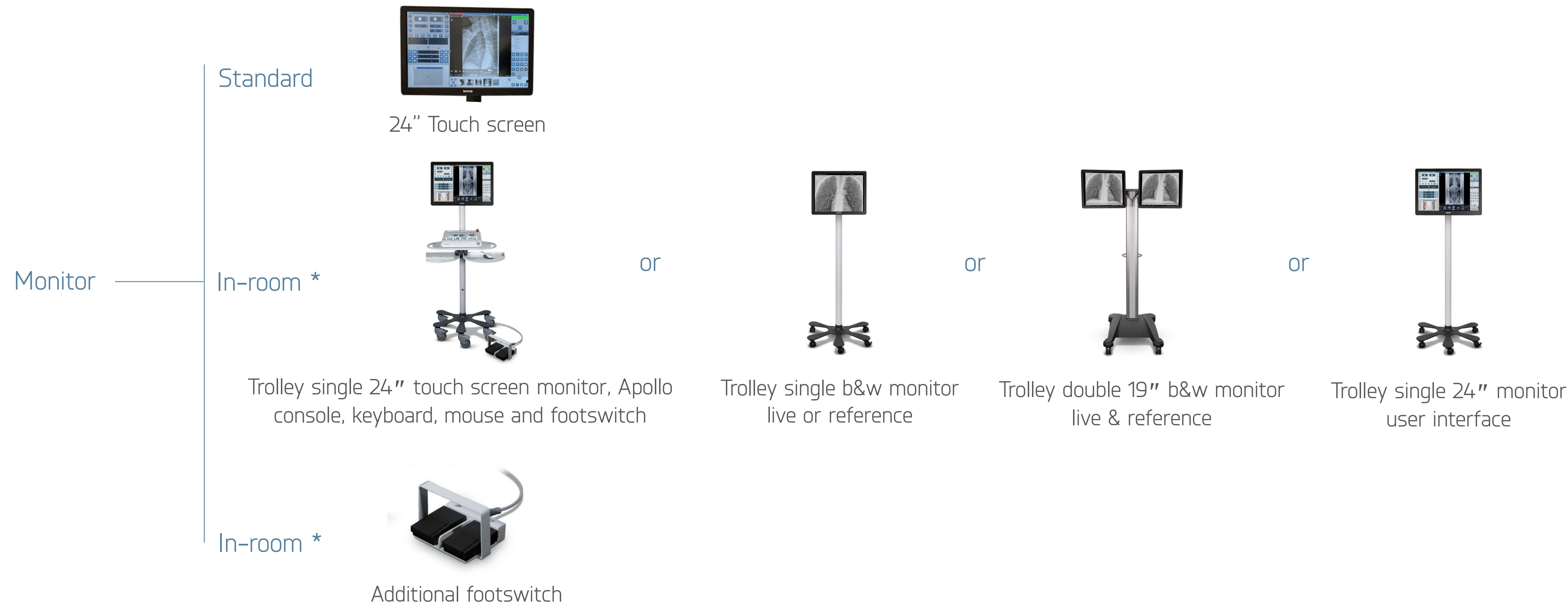
Fully available DICOM functions

DRF's system interfaces with HIS/RIS & PACS structures

4

Main features

Monitor configurations and options



* Optional



4

Main features

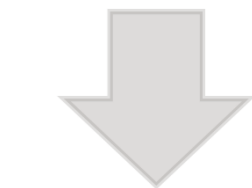
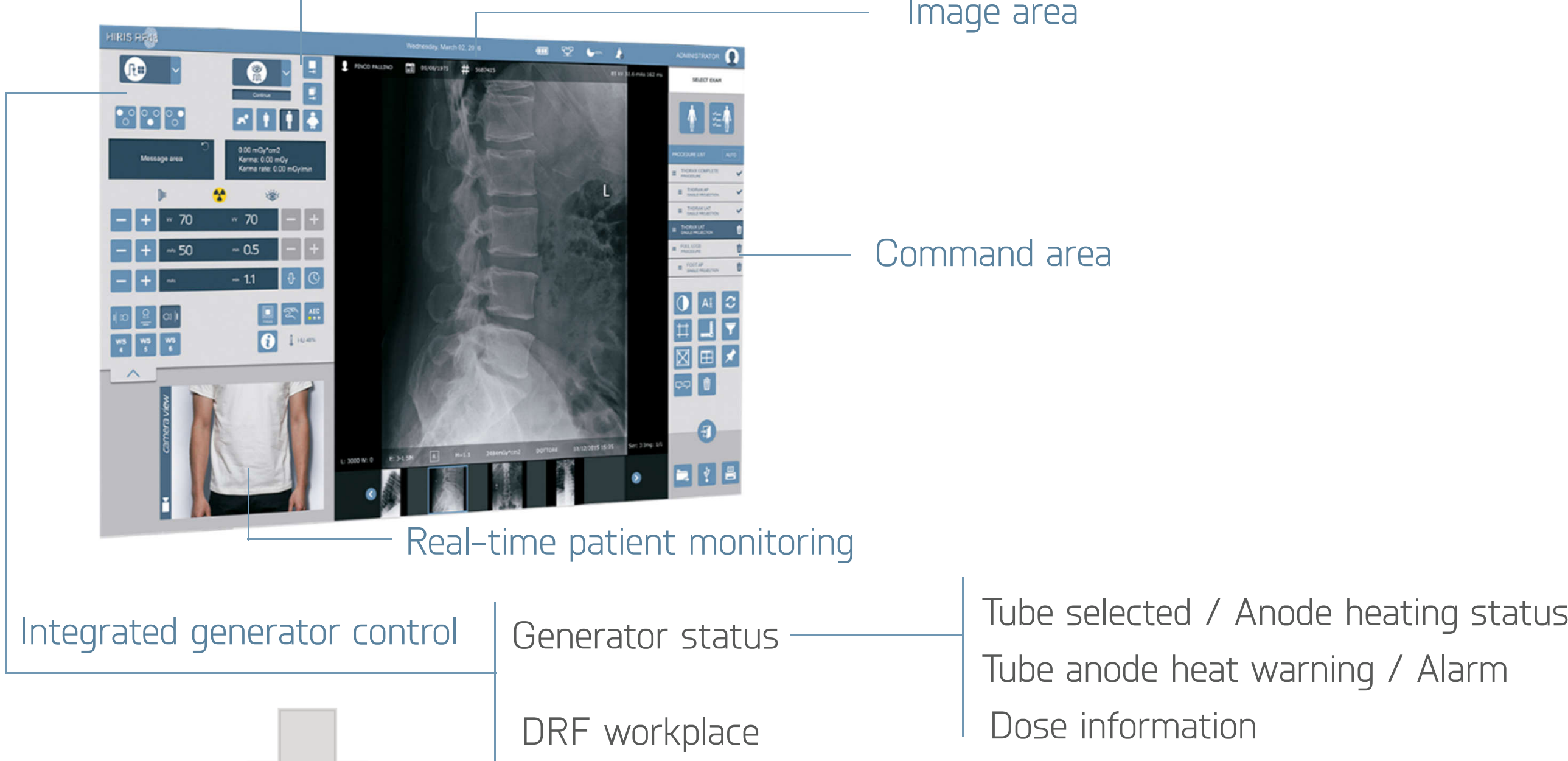
Digital imaging software

Generator section can be hidden to enlarge the image area

Image area

Command area

Software



User friendly

Optimized workflow





Accessories

5

Standard accessories



Patient handgrip



Lightweight footrest



Shoulder rest

5

Optional accessories



Paper roll support



Cup holder



Cassette side support



Band-tightener with compression band



Leg supports

5

Optional accessories



Handgrip for lateral projections*



Radiotransparent ruler for long lenght exams*



Scattered radiations protection

* Only with 'Stitching package'



