

D2RS

D2RS

DIGITAL DYNAMIC REMOTE SYSTEM



SEE THOROUGHLY, ENSURE SAFETY



ORIGINE
FRANCE[®]
GARANTIE

BV Cert. 6182197

**D²RS INTEGRATES ALL THE EXPERTISE OF
STEPHANIX IN TERMS OF EASE OF USE,
ERGONOMICS AND EFFICIENCY.**

- ⌘ Unmatched patient coverage, true rear access as well as high sturdiness to carry patients up to 310 kg.
- ⌘ Compact high-end system integrating electronic components directly into the base of the table.
- ⌘ Patient workflow automated via procedure code mapping and an intuitive User Interface.
- ⌘ Outstanding image quality at low dose with our latest generation of dynamic Flat Panel Detectors.
- ⌘ Advanced applications such as automatic stitching*
- ⌘ Powerful processing consoles, ergonomic, and DICOM 3.0 compatible..

**"ORIGINE FRANCE GARANTIE"
CERTIFICATION**

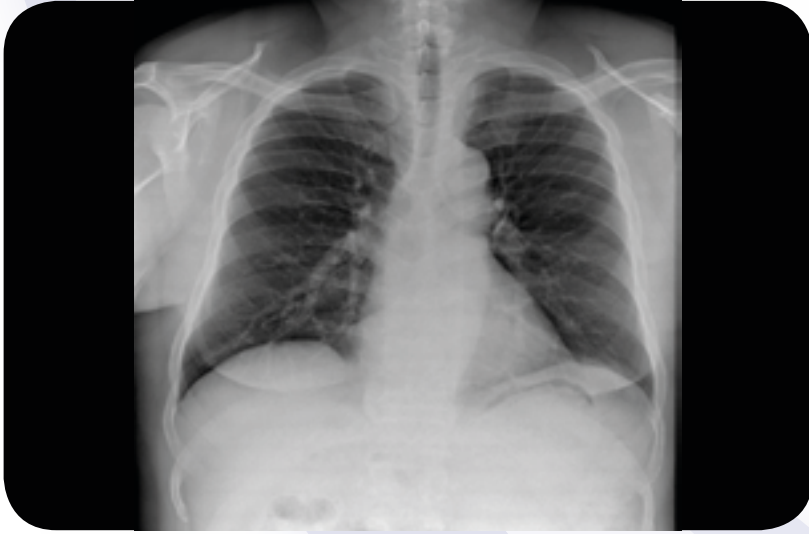
ORIGINE
FRANCE[®]
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STEPHANIX, French leader in medical imaging, is the first company in its field to obtain the label "Origine France Garantie" certified by Bureau Veritas for its **D²RS** remote controlled table.

This label ensures traceability of our product and certifies the French origin of **D²RS**.

***OPTIONAL PURCHASE**



RADIOGRAPHY

All routine radiographic examinations can be completed in a simple and ergonomic way. Anatomical protocols ensure high image quality for all patient profiles and types of exams.

FLUOROSCOPY

The D²RS high-end dynamic detector supports all fluoroscopy exams with complete control of the acquisition rate, image quality and emitted dose.



TABLE-TOP EXAMS

The ability to perform table-top examinations with D²RS guarantees great versatility, allowing you to work in an optimal configuration for pediatric examinations, extremities and also for exposures on stretchers or wheelchairs.

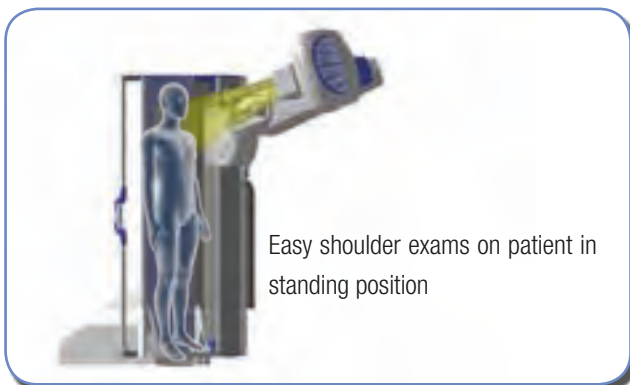


INCOMPARABLE PATIENT COVERAGE

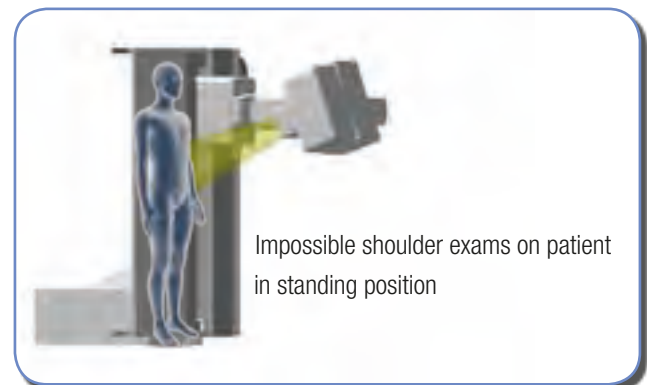
📷 COLUMN ANGULATION

The tube holder column describes a full angle of $\pm 40^\circ$, which offers complete coverage of the tabletop, including exams requiring oblique rays such as shoulders or knees. D2RS simplifies taking x-rays on stretchers and / or wheelchairs.

📷 D2RS WITH COLUMN ANGULATION



📷 COMPETITORS REMOTE CONTROLLED TABLE WITHOUT COLUMN ANGULATION



📷 CARRIAGE

The longitudinal displacement of the column / detector assembly allows complete patient coverage and ensures high versatility with table in vertical or horizontal position.



LONGITUDINAL MOVEMENT

The longitudinal and lateral movements of the tabletop join the column angulation and the carriage, to ensure complete x-ray coverage of the entire tabletop. Thus, once positioned on the table, it is no longer necessary to move the patient.



UNSURPASSED REAR ACCESS

Smart access : the 120cm extension of the tabletop for true rear access for operators. The flat tabletop enables the transfer of the patient from the stretcher to the table effortlessly.



STURDINESS

D²RS extreme robustness supports lying patients up to 310 kg.

To enable simple positioning of the most difficult patients, D²RS has no limitation of movements for patients up to 230 kg.



TABLE FOOT REST

The motorized displacement of the tabletop with the attached foot rest allows effortless studies such as weight bearing knees or feet. To ensure this functionality even for the most difficult patients, this motorization is available for patients up to 230 kg.



🔗 SOURCE IMAGE DISTANCE

The Source Image Distance of D²RS is continuously variable from 110 to 180 cm. An ideal feature for thorax examinations.



🔗 TUBE ROTATION

The tube rotation of D²RS offers even more versatility for maximum ergonomics.



🔗 MINIMUM HEIGHT

The variable height of D²RS allows comfortable examinations of patients in wheelchair.



🔗 MAXIMUM HEIGHT

The high position of D²RS facilitates working in standing position.



🔗 TILTING

D²RS quickly tilts from the horizontal position to the vertical position.



🔗 TRENDELENBURG

D²RS tilting in Trendelenburg facilitates the achievement of numerous exams.

TUBEHEAD WITHOUT VISIBLE CABLE

SECOND MONITOR « LIVE »*

SECOND MAIN MONITOR

MOTORIZED COMPRESSION

BAR PROTECTS AGAINST IMPACTS

« LIVE » MONITOR *

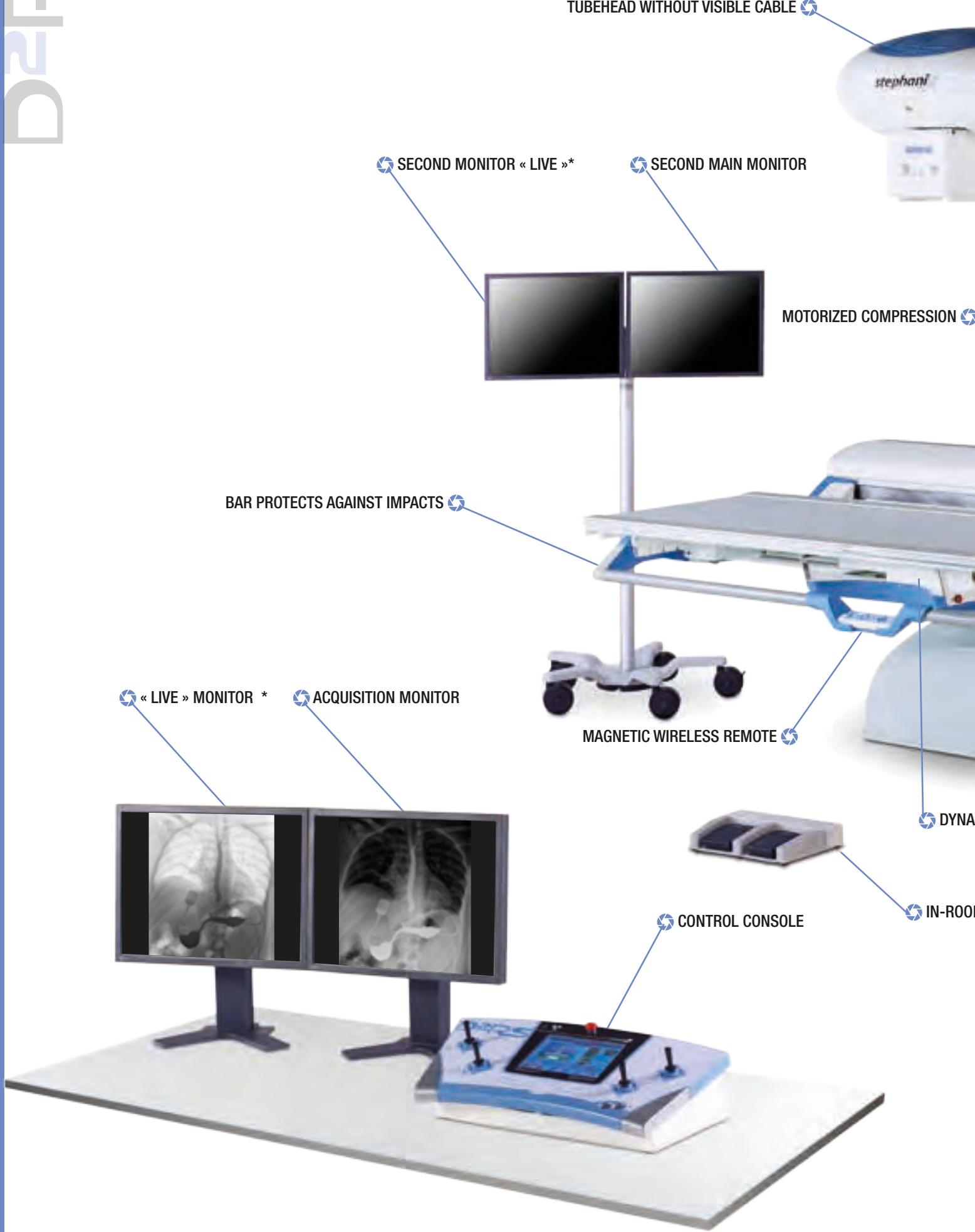
ACQUISITION MONITOR

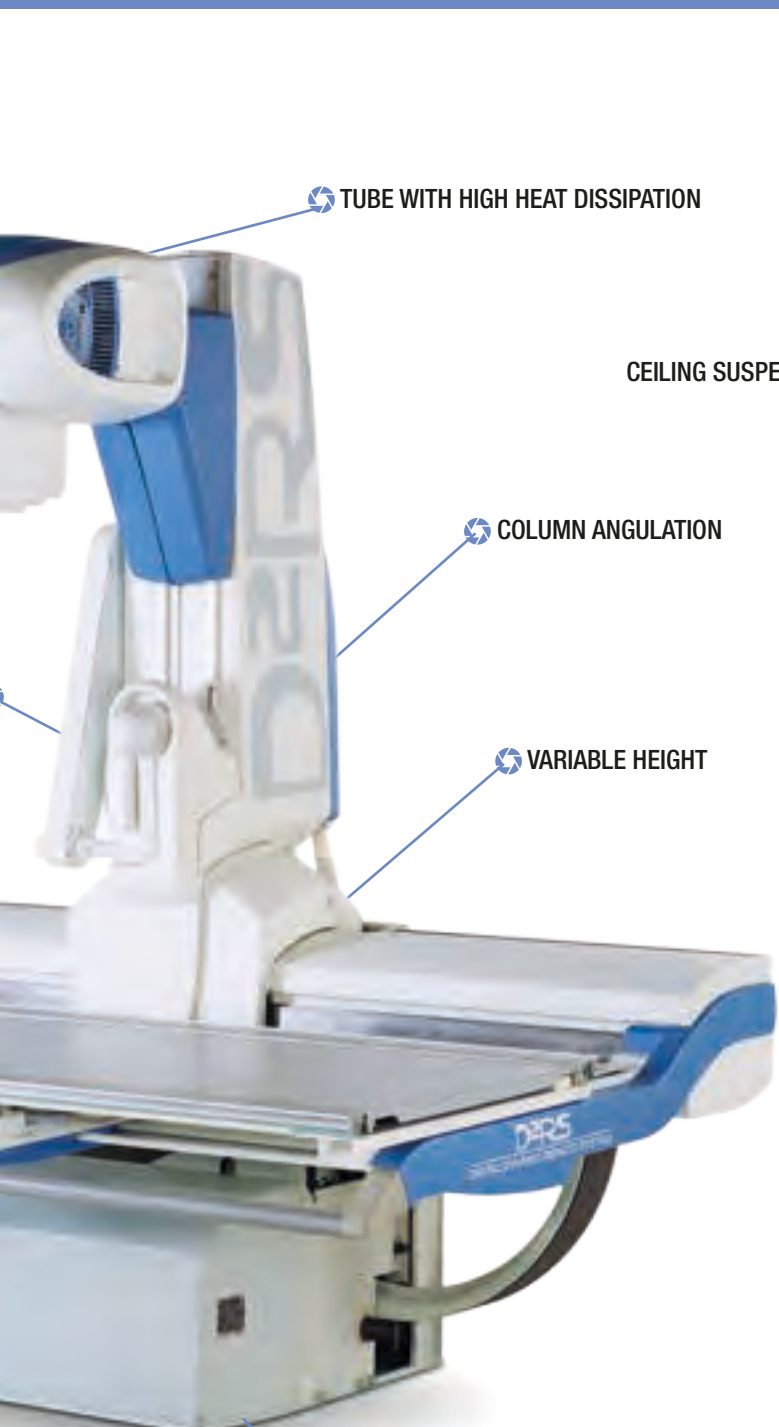
MAGNETIC WIRELESS REMOTE

DYNA

IN-ROOM

CONTROL CONSOLE





TUBE WITH HIGH HEAT DISSIPATION

COLUMN ANGULATION

VARIABLE HEIGHT

MIC DETECTOR

M FOOT PEDALS

TABLE ELECTRONICS INTEGRATED INTO THE BASE



CEILING SUSPENSION*

WALL BUCKY*



IN-ROOM CONTROL CONSOLE *

*OPTIONAL PURCHASE

AUTOMATION BY PROTOCOL

The "MOVE" button activates an incredible number of automations resulting from the choice of an anatomical protocol in the acquisition console.



AUTOMATIC COLLIMATION

AUTOMATIC FILTRATION

AUTOMATIC GENERATOR PARAMETERS

AUTOMATIC IMAGE PROCESSING

AUTOMATIC TABLE POSITIONING

INTUITIVE INTERFACE

TABLE CONSOLE

Intuitive and ergonomic, the control console allows an extremely fast and easy positioning of the D²RS. Its joysticks control up to four movements simultaneously.

From its touch screen, you will have access to all information on the positioning of the table, to the video camera for positioning, and magnification modes in fluoroscopy and for adjusting generator parameters.



ACQUISITION CONSOLE

Incredibly ergonomic, the acquisition console is fully integrated into the IT system dedicated to radiology (DICOM, HL7, etc.) and its interface makes easier the management the entire system. The automation of the movements of the table, collimation, additional filtrations, generator parameters and image processing are accomplished simply by choosing an anatomical protocol.

WIRELESS REMOTE

The wireless remote control of D²RS includes all the controls, including the autopositioning button to move the table.

Magnetic, easily fits into the holder in the center of the table, and can be also used as a secondary control console.



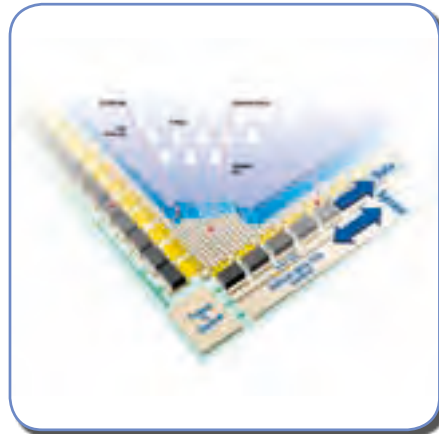
EXCEPTIONAL RATIO FOR IMAGE QUALITY / DOSE RATIO



 ANATOMICAL PROTOCOLS



 REMOVABLE GRID



 LATEST GENERATION
DYNAMIC FLAT PANEL DETECTOR

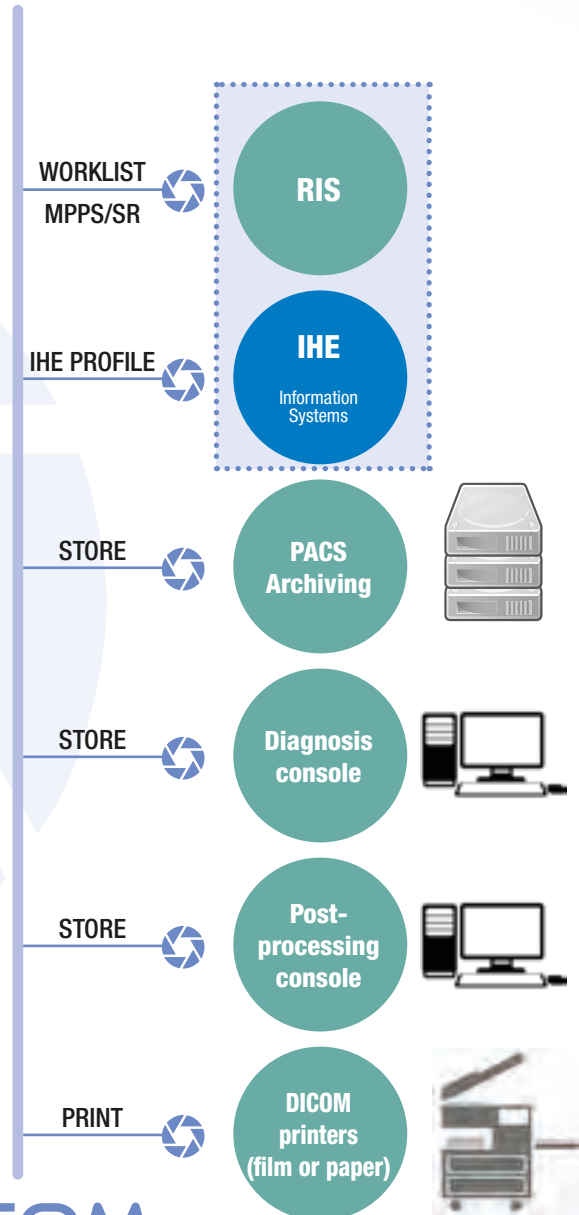


DOSE REDUCTION

D²RS was designed to provide the best image quality / dose for each exam in radiography or fluoroscopy.

This performance is possible thanks to the combination of a very high-end dynamic detector with powerful image processing software and the addition of dedicated mechanical characteristics such as very small Tabletop / Detector distance, video camera to confirm position automatic additional filtration, etc.

MODALITY DX



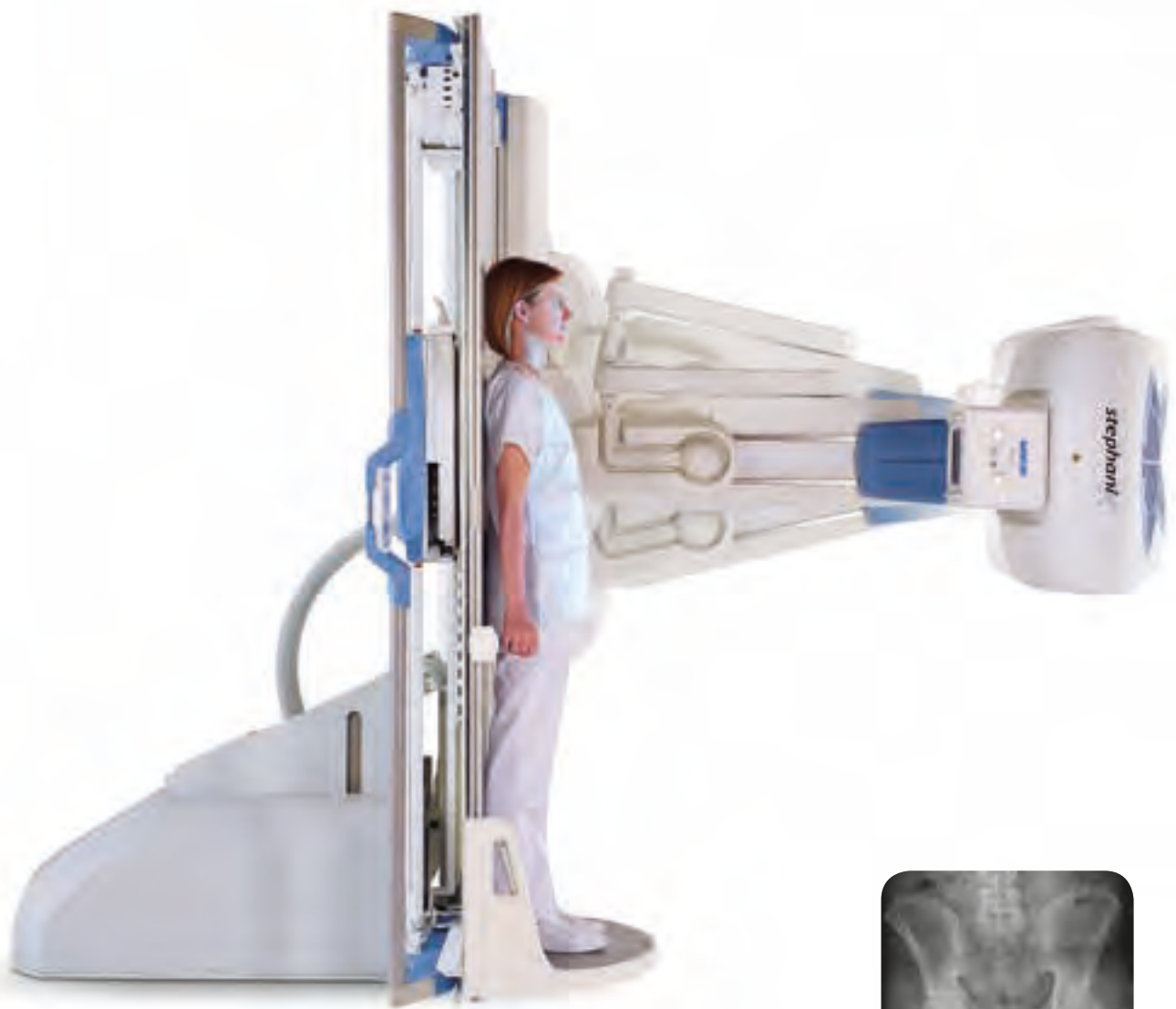
DICOM

IT architecture given as an example

ADDITIONAL CONSOLE *

In order to free the acquisition console for even greater workflow, it is possible to associate an additional multi-modality console to D²RS. This console is equipped with DICOM compatible software that allows you to manage image processing, annotations, measurements, printing or CD burning without burdening the acquisition console.





AUTOMATIC IMAGE STITCHING *

D2RS remote controlled table allows full spine and long leg studies.

- Automatic positioning of the tube and the detector
- Over 1.5 meters possible stitching
- Acquisition in vertical or horizontal position
- Automatic image stitching



DSA *

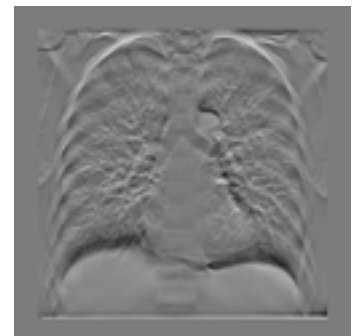
Advanced angiography module available on D²RS. Ultra-versatile solution on Flat Panel Detector with many features such as roadmapping, automatic programming of injection phases, landmarking, pixel shift, etc



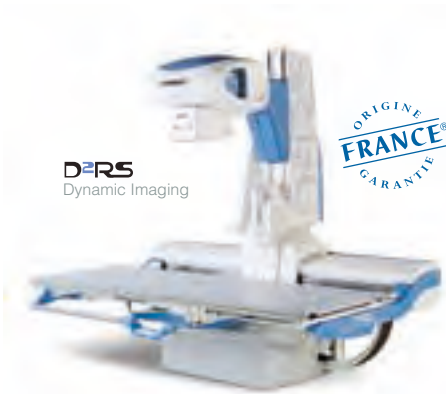
TOMOSYNTHESIS*

Advanced application for the reconstruction of a 3D volume from a multi-slice acquisition, D²RS tomosynthesis is a powerful diagnostic tool.

The column angulation and the wide range of post-processings offer great flexibility in acquisition giving access to a very wide range of examinations from the pelvis to the extremities, the lungs and sinuses.



Latest generation digital radiography solutions with Integrated, Dynamic, Portable, Wired and Wireless detectors



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STATIF PRO DREAM
Versatile solution

MOVIX SERIES DREAM
X-ray mobile units



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