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# Luminos Agile

A RADical new way in fluoroscopy

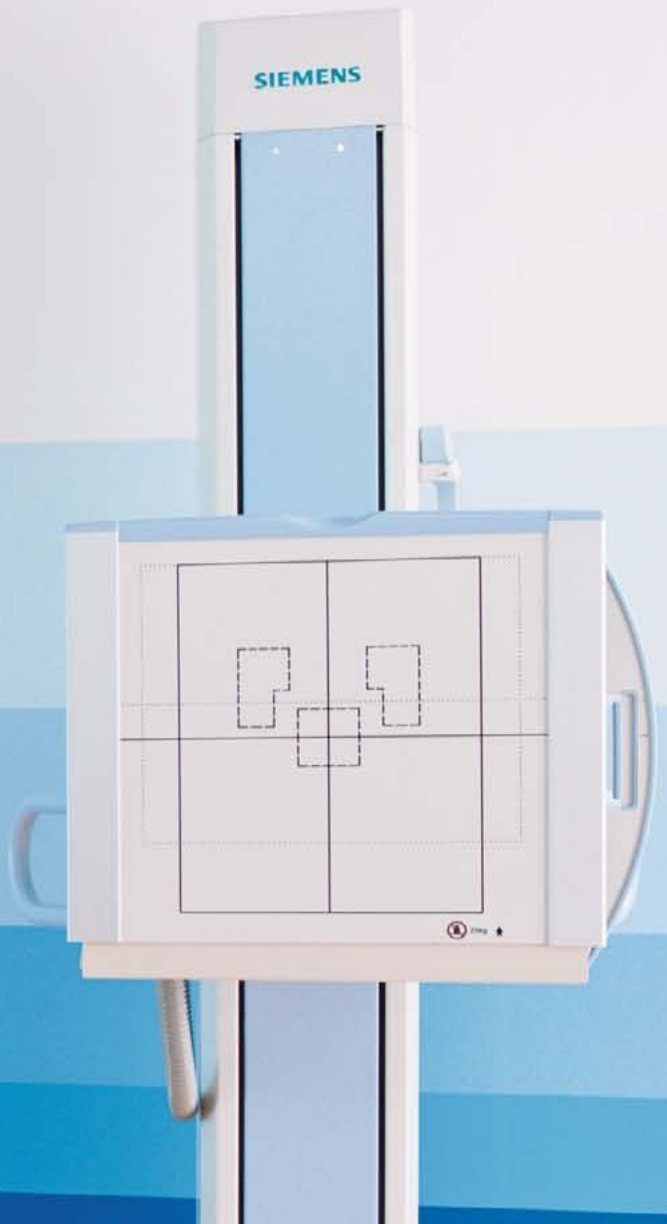
Answers for Life



Easy patient transfer with table height adjustment from 65 cm -112 cm (26"- 44")

True dual-use capability for fluoroscopy and radiography

High-quality dynamic and static imaging with 43 cm x 43 cm (17" x 17") flat detector



## The first patient-side system with

- ... a height-adjustable table
- ... a flat detector
- ... true dual-use capability

Luminos Agile is the first patient-side system with a dynamic flat detector, height-adjustable table and true dual-use fluoroscopy and radiography capability.

This system is so agile, you can achieve imaging excellence, simplify your workflow and expand your patient base.

**Its impact could be RADical**

A RADical new way  
to reach your patients





Fully motorized tower for effortless system movements



Open design and high table weight capacity

Adjustable-height table from 65 cm to 112 cm (26" – 44")



# A RADical new way to reach your patients

## The first patient-side system with a height-adjustable table for fluoroscopy and radiography

Luminos Agile brings patient-side imaging right to your patients. The table height easily adjusts from the lowest at 65 cm (26") to the highest at 112 cm (44") and with the fully motorized tower, system movements are effortless. The table and wall Bucky tracking improve your radiography workflow and increase throughput. Luminos Agile, because not all your patients are.

### **Easier patient transfer**

The height-adjustable table with a range from 65 cm to 112 cm (26" to 44") allows for easy patient transfer and an ideal working height for each operator. With two preset transfer positions – horizontal and vertical – the system can easily be moved into a patient-friendly position with a single push of a button.

### **For your entire range of patients**

The spacious table design offers height adjustments even at the highest weight capacity of 275 kg (606 lbs). The widest patient opening at 60 cm (24") easily accommodates larger and wheelchair patients.

### **Agile in every dimension**

The Ysio option is a combination of a ceiling suspended tube, Bucky wall stand and wireless detector wi-D™ that transforms the Luminos Agile into a fully integrated radiography system. Table and wall Bucky tracking speeds your workflow and the wi-D provides fully flexible radiography so you can adapt to your patients in every dimension.

### **Easy one-handed control**

The OPTI Grip handle enables ergonomic, single-handed operation for both left- and right-handed users. With the fully motorized tower movements, positioning the imaging tower has never been easier, allowing you to concentrate on the examination and your patient, and not the system.

### **Compact 2-in-1 workflow**

The FLUOROSPOT Compact digital imaging system for both fluoroscopy and radiography is intuitive and easy to operate. The one-stop workstation provides efficient and accurate management of patient data from registration to documentation.

### **Designed for excellent patient access**

The space-saving and open design of Luminos Agile enables easy access to patients from all sides, and the comprehensive tableside controls and intuitive touch user interface are placed within easy reach. This improves your ability to interact with your patients for a safer and more comfortable examination experience.

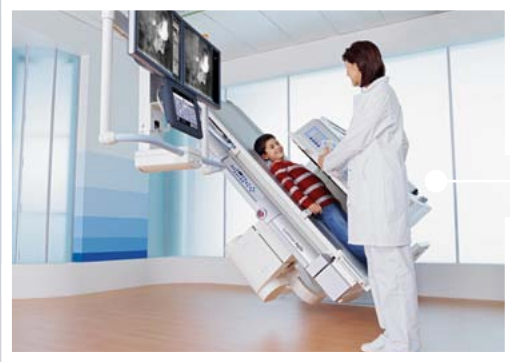




# A RADical new way to view fluoroscopy

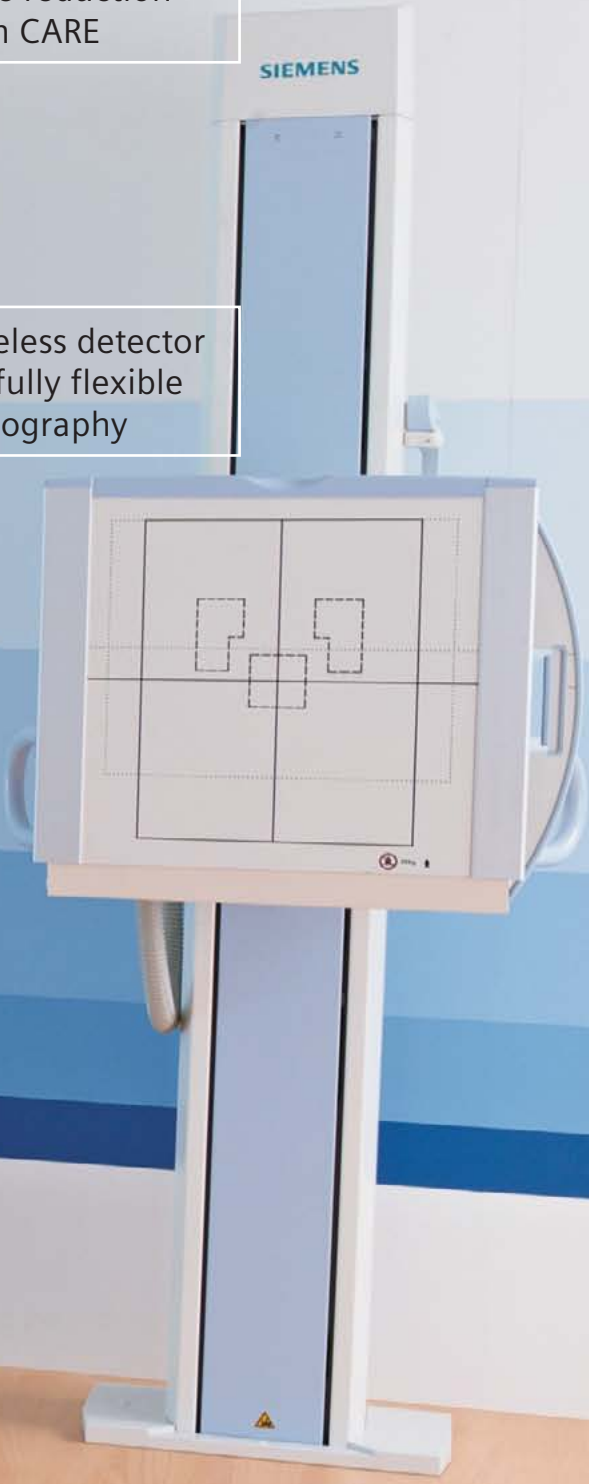
High-quality dynamic  
and static imaging  
with 43 cm x 43 cm  
(17" x 17") flat  
detector





Comprehensive dose reduction with CARE

Wireless detector for fully flexible radiography



# A RADical new way to view fluoroscopy

## The first patient-side system with a flat-panel detector for fluoroscopy and radiography

Luminos Agile lets you see things in a whole new way. The 43 cm x 43 cm (17" x 17") flat detector delivers high-quality dynamic and static imaging, while the ability to change the field of view without radiation reduces fluoroscopy time. And the system's wireless detector allows for fully flexible radiography. That's why we call it agile. Luminos Agile, because not all your patients are.

### Large dynamic flat detector

The large 43 cm x 43 cm (17" x 17") flat detector provides 116% more patient coverage than a 33 cm (13") image intensifier. The flat detector delivers distortion-free high-quality dynamic sequences and static images that provide detailed patient information with up to 3.4 lp/mm.

### Enhanced image quality

The unique Siemens imaging chain includes DiamondView Plus, which reduces noise while increasing detail contrast and sharpness of radiographic images. DDO (Digital Density Optimization) improves image contrast and detail recognition for critical regions of fluoroscopic images.

### Dose reduction

The comprehensive C.A.R.E dose reduction program decreases radiation exposure for patients and medical staff without compromising image quality. The dynamic flat detector provides you a choice between low-dose DFR and full-resolution RAD images.

#### CAREFILTER

Automated copper filter selection that reduces the body entrance dose.

#### CAREMATIC

Automatic calculation and optimization of exposure parameters.

#### CAREMAX

Dose area measurement and monitoring.

#### CAREVISION

Pulse frequencies of 15, 10, 7.5, and 3 pulses per second for low-dose imaging in real time.

#### FluoroLoop

Background memory buffer for retrospective viewing and storage of fluoroscopic sequences, reducing the need for re-exposure.

#### CAREPROFILE

Radiation-free collimation is achieved using the last-image-hold for orientation.

#### CAREPOSITION

Radiation-free patient repositioning by using a virtual field display on the last-image-hold.

Up to 116% more image area with the flat detector

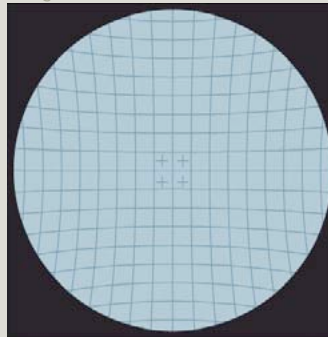


33 cm (13")  
Image intensifier

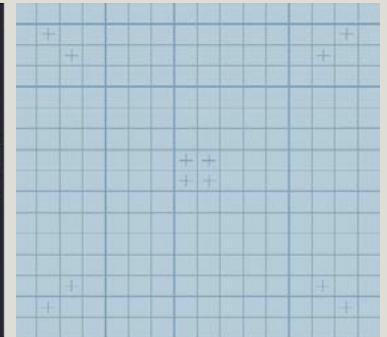


43 cm x 43 cm (17" x 17")  
flat detector

Image intensifier



Flat detector



Flat detector free of image distortion

Less noise and more details with DiamondView Plus



With DiamondView Plus



Without DiamondView Plus

Distortion free high-quality dynamic sequences




High resolution static images

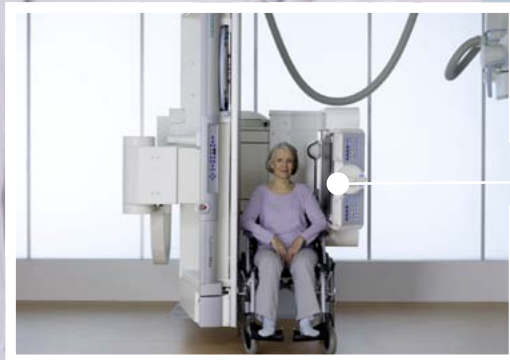


A RADical new way  
to become the provider of choice





Improve the patient's experience and expand your customer base, making yours the facility of choice



Widest patient opening at 60 cm (24") expands your patient base



True dual-use capability for fluoroscopy and radiography

# A RADical new way to become the provider of choice

## The first patient-side system with true dual-use capability for fluoroscopy and radiography

Luminos Agile is the investment that keeps on giving by allowing you to serve more patients. With the widest patient opening at 60 cm (24"), a 275 kg (606 lbs) capacity table, and true dual-use capability for fluoroscopy and radiography, it provides the agility to improve your patient's experience and expand your customer base by making yours the facility of choice. Luminos Agile, because not all your patients are.

### **Easily accommodate your patients**

With its height-adjustable table, the widest patient opening of 60 cm (24") and the highest table weight capacity of 275 kg (606 lbs), Luminos Agile offers comfort and safety for your patients, especially those with limited mobility. With Luminos Agile, you are best prepared for today's and tomorrow's patient care challenges.

### **Maximum return on investment**

With the Ysio option, you select a combination of a ceiling-suspended tube, wi-D and Bucky wall stand to provide true dual-use capability in the Luminos Agile as a fully digital, fully integrated radiography system. The expansion in examination range and patient throughput will increase the utilization and productivity of your system.

### **Wireless detector**

Delivering fully digital, high-resolution images for review within seconds and facilitating an optimized clinical workflow, the wi-D can be used in the table Bucky and wall stand, as well as for free exposures.

### **Ceiling-mounted tube**

The ceiling-mounted tube adds fully-featured radiography to the fluoroscopy suite. The tracking function of the table Bucky and wall stand supports fast positioning and enables long leg and long spine imaging on both the wall stand and the table.

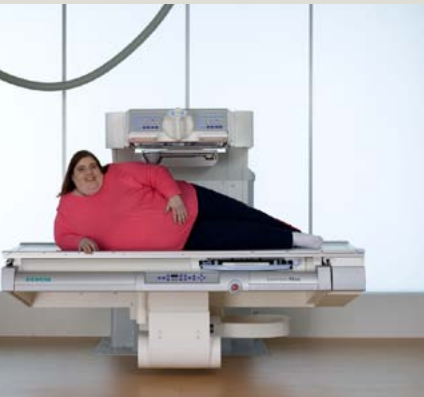
### **Large MaxTouch display**

The MaxTouch display features a color touchscreen interface that adjusts to the orientation of the tube. It provides instant access to patient data, organ programs and key parameters without the need to leave the patient.

### **Tracking Bucky wall stand**

An optional Bucky wall stand lends even more versatility to the system. Using the wi-D, the complete spectrum of upright examinations can be performed easily and conveniently.





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