



**AGFA**  
**RADIOLOGY**  
SOLUTIONS

## Compact space, big possibilities

For private medical practice Knightsbridge Doctors in London, the DX-D 300 delivers quality, efficiency and comfort, while fitting neatly into the small X-ray room

## Case study

Raymond Bernard Cruz,  
Lead Radiographer

Just a few steps from the world-famous Harrods department store, in the heart of London's Knightsbridge district, an impressive yet welcoming entrance in historic Basil Mansions opens onto Knightsbridge Doctors. This long-established private medical practice provides personalised medical services to individuals and their families, companies and international organisations.

Imaging, especially X-ray, is central to the services Knightsbridge Doctors delivers to its patients. As Raymond Bernard Cruz, Lead Radiographer, explains: "One of our key services is health screenings, which generally include chest X-rays. We therefore perform a lot of these, every day. Of course, we also do other types of X-rays, depending on the patient's needs and pathologies, for example extremities or spine imaging. Our X-ray unit is thus busy throughout the entire day."



## **DX-D 300: compact, reliable, easy to manoeuvre and fast**

The previous X-ray system, a direct radiography (DR) retrofit, was aging. “At Knightsbridge Doctors, we are always focussed on finding ways to improve our service. It was clear that we needed to upgrade our X-ray system to the best equipment,” explains Mr. Cruz.

While image quality, reliability and dose reduction were key requirements, the chosen system would have to address a specific challenge for the practice: “The X-ray room is very small. The previous X-ray unit filled it completely, so there was barely room for the patient and radiographer. It also blocked the light, making the room rather sombre. For our new system, it was critical that we found a solution that would fit the space and improve the patient’s experience – without compromising on the other ‘given’ requirements. The DX-D 300 was the perfect solution for us. It’s compact, reliable, easy to manoeuvre and fast. And it offers the image quality we need, while enabling us to reduce patient radiation dose,” Mr. Cruz describes. The DX-D 300 was installed in August 2023 and was up and running quickly.

## **Better patient and radiographer experience**

With its U-arm and floor-mounting, the DX-D 300 doesn’t take up much space, Mr. Cruz explains. “It gives us plenty of room for the patient and radiographer – and even for a family member to come in if necessary! It’s more comfortable for the patient, while allowing the radiographer to better move around while positioning the patient, etc. And there is more natural light. People also like the look of the DX-D 300: I’ve received comments about how ‘futuristic’ it is. Altogether, it enables a better experience for the patient and the radiographer.”



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**Raymond Bernard Cruz**  
Lead Radiographer,  
Knightsbridge Doctors



**“In my opinion, anything the bigger X-ray machines can do, the DX-D 300 can as well, while saving you valuable space. It’s easy to use, offers high-quality images, and has changed my workday.”**

**Raymond Bernard Cruz**





### “One image is all it takes”

Mr Cruz also highlights the ease of use, adding “It’s very enjoyable to manoeuvre. Furthermore, as the tube moves together with the detector, you always have the ‘right’ angle. The workstation is equally straightforward: it’s easier for me to adjust exposure, review the image, and ensure proper patient positioning. Features like these, help speed up my work and reduce the risk of needing a repeat.”

### Powered by MUSICA®

Mr Cruz also highlights the role of the MUSICA® image processing software. “It automatically adjusts the contrast, brightness, etc, so the image has the right quality and consistency. I save 5-6 seconds for every X-ray. That’s a lot in a day, for a facility like ours where we are doing X-ray after X-ray. In total, all the advantages of the DX-D 300 shave minutes off each patient’s imaging: I’ve had multiple patients comment to me that it takes longer to get dressed than to do the actual X-rays. This allows us to see more patients, but also to shorten patient waiting times – which is a key goal for us.”



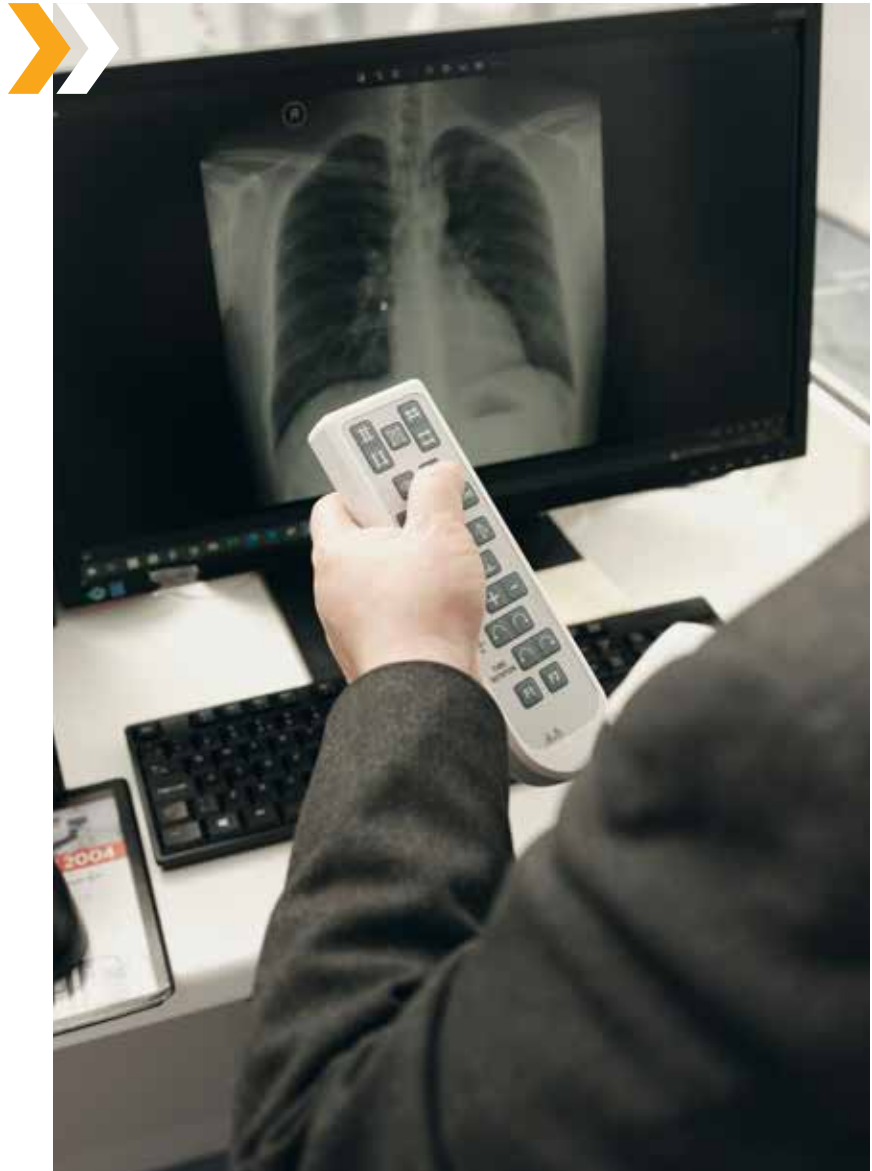
## Reducing dose: everyone's business

These efficiency and comfort improvements have come without any compromise in image quality. "The image quality and consistency are very good. For example, we get the same quality, even for a patient with a large frame. This allows us to reduce dose, and still have readable images. Reducing dose is a priority for Knightsbridge Doctors, as part of our commitment to safe, high-quality patient care."

## Committed and responsive support

While the DX-D 300 ticks the boxes for size and quality, it also offers Knightsbridge Doctors the reliability they need, supported by the dedication of Agfa's team. "We haven't had any issues with the DX-D 300: it's robust and sturdy. We did reach out to Agfa for some system 'tweaks', to adjust exposure. The Agfa application specialist was very responsive, and quickly fine-tuned things to our preferences," says Mr. Cruz.

"I would happily recommend the DX-D 300 both to private clinics like Knightsbridge Doctors, but also to larger hospitals, for example. In my opinion, anything the bigger X-ray machines can do, it can as well, while saving you valuable space. It's easy to use, offers high-quality images, and has changed my workday. I'm convinced," he concludes.



**"The DX-D 300 is very enjoyable to manoeuvre. Furthermore, as the tube moves together with the detector, you always have the 'right' angle."**

Raymond Bernard Cruz

# Agfa solution



## DX-D 300



Versatile and compact



Floor-mounted,  
U-arm configuration



Optimal flexibility:  
captures a wide  
range of studies



Delivers excellence  
in image quality



Potential for dose  
reduction



Easy to manoeuvre,  
even in a limited space



## Did you know?

- Knightsbridge has a rich history dating back centuries. Remnants of its historical past, including some elegant Georgian and Victorian architecture, can still be found.
- The area is home to several foreign embassies and diplomatic residences, contributing to its international and cosmopolitan atmosphere.

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