

AGFA
RADIOLOGY
SOLUTIONS

Single room, single investment – multi-purpose

For the small yet busy Henry Community Health, the DR 800 multi-functional room flexibly performs a full range of radiography and fluoroscopy exams, with one investment

 Case study – Henry Community Health, New Castle, IN (USA)

AGFA 

Case study

Interview with
Brandon Wilson, Director of Imaging and
Dr. Todd Wright, Radiologist

In a small hospital, every investment has to pull its weight. This is certainly true for imaging and X-ray rooms. At Henry Community Health, in New Castle, Indiana, the DR 800 multi-tool is meeting and exceeding expectations: ticking the boxes as a reliable and versatile fluoroscopy and X-ray room, while delivering the image quality and ease of use radiologists and X-ray technologists alike appreciate.

“Although we are a smaller hospital, our radiology department is nonetheless a very demanding environment. We not only support our busy emergency department, but orthopedics, oncology, radiation services and more – including some services you wouldn’t ordinarily expect from a ‘typical’ community hospital. And we still need to get the most from every imaging room. The DR 800 meets that need,” explains Brandon Wilson, Director of Imaging.

“From 9 AM to 3 PM, the DR 800 is primarily our fluoroscopy room. But we also now do all our scoliosis surveys in there. Then, on the second shift and weekends, it becomes our third X-ray room. And if one of our other X-ray rooms goes down, we know we can turn to the DR 800.”



Dr. Todd Wright (left) and Brandon Wilson (right)

Reliable and user-friendly

The DR 800 was installed in September 2022. “Our old fluoroscopy system had reached its end of life. Based on our experience, we knew we needed a solution that was reliable and easy to use, from a vendor offering good support and service,” explains Mr. Wilson. Distributor Radiation Services of Indiana (RSI) provided the hospital with information about Agfa’s DR 800.

“A hospital in a nearby county already had the DR 800, so we went to see it in action, and get their opinion. They were very positive about the image quality, the reliability and the user-friendliness in particular. RSI then answered our questions about the various aspects and features of the DR 800, including how it would fit in our room – without needing an extra, floating X-ray tube. We felt that the DR 800 was a good fit for our imaging department.”



Quick to install, quick to learn

Installation took two weeks: “An excellent result. The shorter time you are down, the better, obviously,” comments Mr. Wilson. During the four-day training by Agfa, the true ease of use of the system started to become clear.

“With our last system, we struggled even after years of use. It had more buttons and levers, but less functionality. We were delighted with how easily we learned to use the DR 800. Everything is well-labelled and clear; for example, the three levers to move the table, move the tubehead, and angle the tube,” explains radiologist Dr. Todd Wright. “Furthermore, with the remote functionality, I can choose whether I want to remain in the room or not, depending on the situation, and the LiveVision™ camera on the tubehead is very useful for positioning patients, even when we can’t see them directly.”

Capturing more dynamic information

Dr. Wright uses the DR 800 for a broad range of fluoroscopy exams, including modified barium swallows, esophagrams, upper gastrointestinal series, small bowel follow-throughs, hip arthrograms, shoulder arthrograms and hysterosalpingograms.

“The images are incredibly sharp, and for the esophageal assessment, I no longer capture still images. I capture and review the real time fluoroscopy and replay this for referring medical providers when needed. We simply capture more information, more efficiently.”



“We were delighted with how easily we learned to use the DR 800. Everything is well-labelled and clear.”

Dr. Todd Wright
Radiologist

Enhancing patient comfort and experience

The speed of the system has also improved the patient's experience, Dr. Wright continues. "Everything is on the screen immediately and is easy to replay for patients. For example, after a hysterosalpingogram, we can review the images together in a matter of seconds, and they greatly appreciate this timely, efficient review of results."

The DR 800 room has also been designed to maximize patient and operator comfort and safety. "The table of the DR 800 can be lowered, so that the patient doesn't have to climb up on steps. It's also easier to slide patients onto the table from a

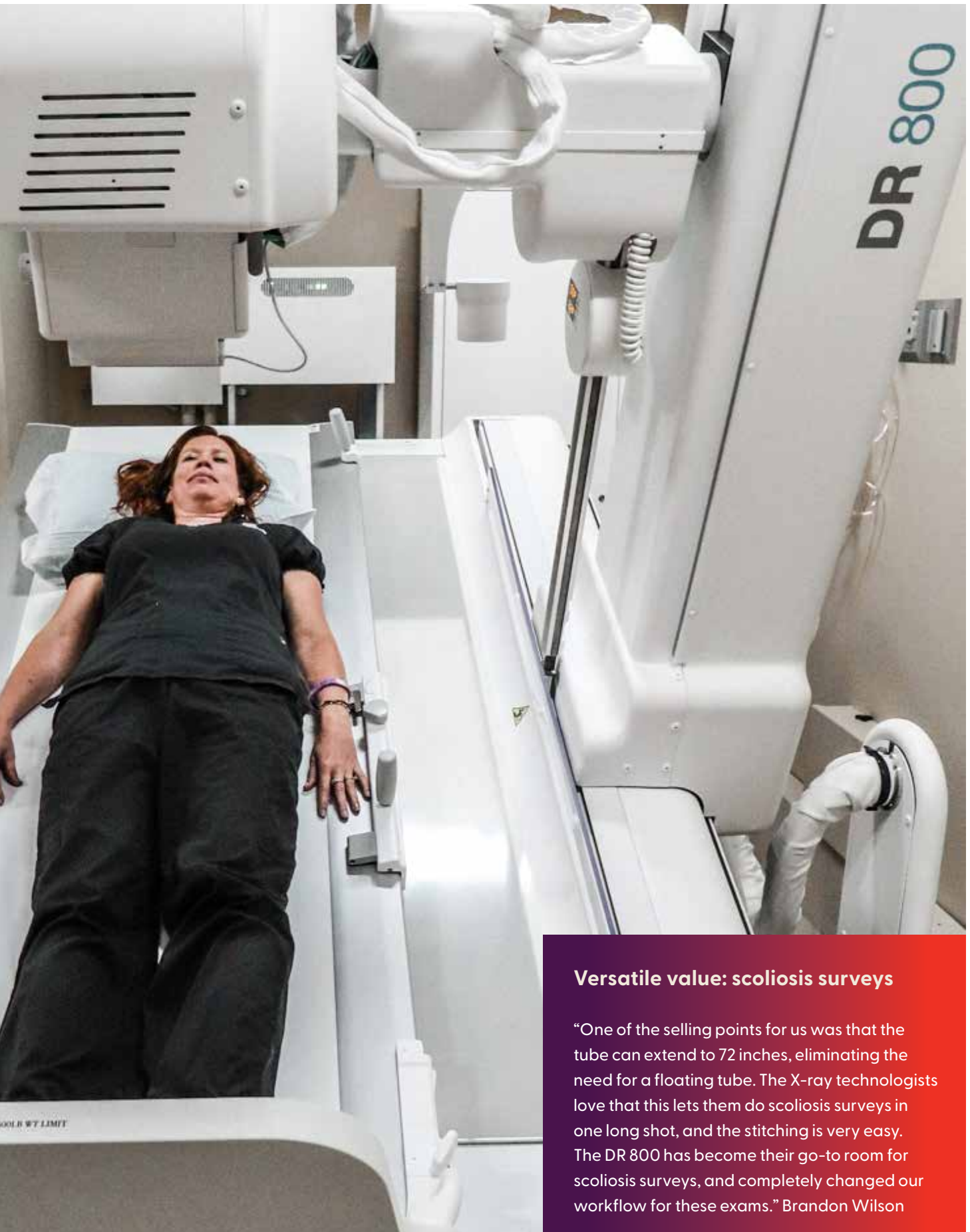
gurney or cart, as there is a space on the far side of the table. And the table can hold very heavy patients," explains Dr. Wright.

"I've had other hospitals ask me about the DR 800, and I tell them I would absolutely recommend the DR 800, whether they need a dedicated fluoroscopy room or a room that easily converts between fluoroscopy and general X-ray. Our radiologists and our X-ray technologists are very satisfied: the DR 800 delivers the reliability, ease of use, image quality and versatility we need to provide excellence and exceptional care to our patients," Mr. Wilson concludes.

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Brandon Wilson
Director of Imaging





Versatile value: scoliosis surveys

“One of the selling points for us was that the tube can extend to 72 inches, eliminating the need for a floating tube. The X-ray technologists love that this lets them do scoliosis surveys in one long shot, and the stitching is very easy. The DR 800 has become their go-to room for scoliosis surveys, and completely changed our workflow for these exams.” Brandon Wilson



“We need to get the most from every imaging room. The DR 800 meets that need.”

Brandon Wilson



DID YOU KNOW

- Henry Community Health is a 50-bed, integrated health system located in the heart of the rolling hills of east central Indiana, just 45 minutes east of Indianapolis.
- It has been named in the Top 5% in the Nation for Outstanding Patient Excellence by Healthgrades multiple times.

Agfa's solution: DR 800



The DR 800 is a multi-functional room that performs a full range of radiography and fluoroscopy exams, with one investment.



It comes with Dynamic MUSICA® image processing software, which can handle fluoroscopic images with the same high image quality and low-dose features that have made MUSICA® the 'gold standard'.



Its performance, ease of use and flexibility make it ideal for smaller hospitals like Henry Community Health, which need to get the most from every imaging investment.



The DR 800 offers:



Up to 30 frames per second acquisition rate for fluoroscopy



EasyStitch™ for seamless automatic stitching of Full Leg/ Full Spine (FLFS) procedures.



LiveVision™: First-person camera view of the patient, to position them remotely without radiation.



Effortless patient transfer from stretcher or bed to table, with clear access to a 120 cm section of the table.



Simplified access, even for patients with limited mobility thanks to the smooth motorized table and low height adjustment feature.



Robust weight capabilities, for patient loads of up to 265 kg (507 lbs) with full functionality, and 320 kg (705 lbs) with limited functionality.

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