

Meet Siemens Healthineers

Siemens Healthineers: Our brand name embodies the pioneering spirit and engineering expertise that is unique in the healthcare industry. The people working for Siemens Healthineers are totally committed to the company they work for, and are passionate about their technology. In this section we introduce you to colleagues from all over the world – people who put their hearts into what they do.

Aurelien Monnet

I started my career after studying chemistry and spectroscopy. I graduated from Pierre and Marie Curie University in Paris, France. My first job was as an MR engineer at the Institute of Myology at Pitié-Salpêtrière Hospital, also in Paris. I then joined the neuroradiology department at Lille University Hospital for two and a half years where I was responsible for research protocols. In 2012, I had the opportunity to join Siemens Healthineers as an MR application specialist. I also spent a year in the U.S. in 2016 working as an application specialist.



Erlangen, Germany



How did you first come into contact with MRI?

My first contact with MRI was during my first job in Paris. I used to do MR spectroscopy during my studies but I didn't have much idea about imaging. I learned about *in vivo* imaging on the job and was able to apply my experience of heteronuclear spectroscopy. We scanned not only patients with neuromuscular diseases, but also animals such as mice and dogs with a 4T MRI system. It was possible to do practically anything with the system; it was a great way to learn.

What do you find most fascinating about MRI?

What is fascinating about MRI is the never-ending possibilities of improving and bringing new techniques to life. It's a very versatile technology.

What role do you play in MRI development?

In the ACQ team, we all have various expertise in bringing ready-to-use protocols and products to customers. Due to my previous experience, especially in neuro imaging, I'm responsible for the brain protocols. I particularly like working on new projects translating research into clinical practice.

How does protocol optimization work, particularly in the context of such a novel platform as MAGNETOM Free.Max?

Protocol optimization – especially on MAGNETOM Free.Max – was, to be absolutely honest, quite challenging. We had to throw out everything we already knew and start afresh, if I can put it like that. The greatest challenge was, of course, SNR. Fortunately, we have shared responsibilities with our colleagues at Siemens Shenzhen Magnetic Resonance Ltd. (SSMR) in Shenzhen, so mutual development across body regions was made a little easier and faster. We had weekly meetings on image quality with our Chinese and U.S. colleagues so that everybody could share comments, ideas, and concerns. It was truly a team effort.

If you could do anything you wanted for a month (at work and privately) what would it be?

During my spare time, I like climbing and hiking, especially in Austria. I am also a qualified pilot and sometimes fly around Bavaria with friends and colleagues. If I could do anything for a month, I'd just fly as much as possible and also get new qualifications because you can never stop learning.

MAGNETOM Free.Max is currently under development and is not for sale in the U.S. and in other countries. Its future availability cannot be ensured.