

Press Release

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Fresenius Medical Care uses virtual reality technology to train patients for home dialysis

Fresenius Medical Care, the world's leading provider of products and services for individuals with renal diseases, has started using virtual reality (VR) technology to train patients to perform peritoneal dialysis. The *stay•safe* MyTraining VR is being offered first in Germany and will be extended to other countries in the company's Europe, Middle East and Africa region later this year.

In peritoneal dialysis, which is used by about 11 percent of the approximately 3.7 million dialysis patients worldwide, the lining of the patient's abdominal cavity – the peritoneum – acts as the filter for cleaning the blood. To learn how to correctly use Fresenius Medical Care's *stay•safe* System for continuous ambulatory peritoneal dialysis (CAPD), home dialysis patients undergo comprehensive training in a dialysis clinic. *stay•safe* MyTraining VR is now supporting this training with the VR technology. The hardware comprises VR glasses and an easy-to-use controller. In various training modules, patients learn all aspects of the dialysis process, including hygiene procedures, preparation and post-therapy steps, bag-changing and operation of the *stay•safe* DISC.

Each training module can be adjusted to the patient's own pace and repeated as often as needed until the patient has mastered it. While the patient trains, the nursing personnel can focus on other important tasks, for example by simultaneously assisting several other patients.

“The VR training appeals to several of the patients’ senses and this makes it especially easy to learn new procedures,” said Christoph Hame, Nursing Manager at NephroCare Germany, the service division of Fresenius Medical Care. “The VR glasses block out outside stimuli, so the patients stay focused. They can move around in the virtual room and reach for things. With this playful learning, the content is held better in the memory. Also, the standardized learning units make the training more secure, because the contents are imparted in the same way in every dialysis clinic. We offer the training in different languages, and can therefore overcome language barriers.”

The *stay•safe* MyTraining VR is aimed at both new and experienced home dialysis patients, who regularly update their knowledge at monthly check-ups. Patients can also be more easily included in the process of deciding which form of therapy is best for them. With the use of the VR glasses they can even learn how to handle the *stay•safe* System before the implantation of a catheter, which is required for the treatment.

“We want to make home dialysis possible for ever more patients,” said Dr. Katarzyna Mazur-Hofsäß, Fresenius Medical Care’s Chief Executive Officer for Europe, Middle East and Africa. “Part of this is preparing them and their family members for the challenges and changes that come along with it. With the VR training we are doing exactly that. Patients, their family members and care partners can be familiarized with the usage in a very practical, impactful way. This lowers their inhibitions and helps them with the decision on whether peritoneal dialysis at home is right for them. And it contributes to the design of home therapy that is sustainably patient-friendly and safe.”

Note for the media: Press photos for editorial use can be found on our website at <https://www.freseniusmedicalcare.com/en/news/mytraining/>.

Fresenius Medical Care is the world's leading provider of products and services for individuals with renal diseases of which around 3.7 million patients worldwide regularly undergo dialysis treatment. Through its network of 4,100 dialysis clinics, Fresenius Medical Care provides dialysis treatments for approximately 346,00 patients around the globe. Fresenius Medical Care is also the leading provider of dialysis products such as dialysis machines or dialyzers. Along with its core business, the Renal Care Continuum, the company focuses on expanding in complementary areas and in the field of critical care. Fresenius Medical Care is listed on the Frankfurt Stock Exchange (FME) and on the New York Stock Exchange (FMS).

For more information visit the Company’s website at www.freseniusmedicalcare.com.

Disclaimer:

The *stay•safe* MyTraining VR and the VR goggles themselves are not a medical device, but were created to support CAPD training. The training demonstrates the use of the stay-safe system. The *stay•safe* system for CAPD treatment includes the PIN and DISC elements and the associated peritoneal dialysis solutions.

This release contains forward-looking statements that are subject to various risks and uncertainties. Actual results could differ materially from those described in these forward-looking statements due to various factors, including, but not limited to, changes in business, economic and competitive conditions, legal changes, regulatory approvals, impacts related to the COVID-19 pandemic results of clinical studies, foreign exchange rate fluctuations, uncertainties in litigation or investigative proceedings, and the availability of financing. These and other risks and uncertainties are detailed in Fresenius Medical Care AG & Co. KGaA's reports filed with the U.S. Securities and Exchange Commission. Fresenius Medical Care AG & Co. KGaA does not undertake any responsibility to update the forward-looking statements in this release.