



The **safe** and **easy** way
to dialyze at home.

PeriSafe® - the new patient assist device.



HOME DIALYSIS MAKES A DIFFERENCE

A GREAT OPPORTUNITY

Approximately 3 million people around the world are suffering from end stage renal disease (ESRD) and are required to dialyze¹. Despite many advantages, only around 12% of all patients perform the dialysis in their familiar environment at home.¹

Fact is, that the peritoneal dialysis enables the patients to keep their independency and is increasing the quality of life.² The survival rate and the clinical outcome of peritoneal dialysis and hemo dialysis are equal, whereas the peritoneal dialysis treatment costs are considerably lower in comparison to hemo dialysis.^{3,4}

A FUTURE TREND

Due to the aging population and the increasing prevalence of diabetes and hypertension, the number of dialysis patients will grow strongly in the coming years.⁵ Furthermore, the healthcare systems are under considerable cost pressure, and there's a growing scarcity of qualified resources.^{6,7} Taking into account all factors, home dialysis will become increasingly more important in the years ahead.

A NEW SOLUTION

PeriSafe® is addressing the two major complications of the peritoneal dialysis: Risk infection and the complexity of the therapy treatment.⁸

PeriSafe® is a product innovation for the PD therapy, that connects the transfer set and the dialysis tubing within a protected area. The manual contact of the patient with the open transfer set is no longer necessary, and the manual handling of clamps and breaking the frangible is replaced by just the touch of a button.



DESIGNED THROUGH THE EYES OF THE PATIENT

Peripal® has made use of the innovative eye tracking method and usability engineering to ensure, that the device is developed based on the patient's needs. The device has been tested with real PD patients from the beginning.

PERISAFE® BENEFITS



Daily companion

Due to the proper guidance of the patient and the standardized procedure, the therapy becomes more intuitive, and could dispel possible doubts of the patient.



Confident start

PeriSafe® can help patients to familiarize with the therapy process very quickly. This would increase the patient's confidence, and would prevent them from leaving the therapy.



Empower patients for home dialysis

The reliable PeriSafe® assistant device, will take the patients by the hand, and guide them through the therapy. This would allow the patients, who are today not eligible, to perform the therapy at home (e.g. visual impairment).



Safe connection

The most delicate therapy step, the manual connection of the transfer set and the dialysis tubing, is performed inside the protected device. This could lead to an infection decrease.



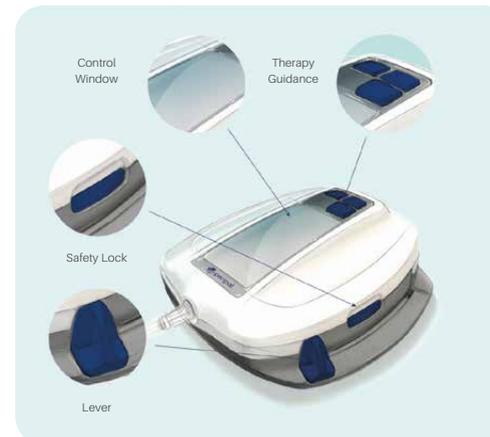
Comfort family care

By reducing the complexity of the therapy, PeriSafe® could also help relatives and nurses in their daily assistance, and provide them with the needed encouragement.



Easy learning

The standardization and the simplified handling could lead to an easier therapy learning and could reduce the training time for the patient, the relatives and nurses.



easy to use

clean with Isopropanol

lightweight

portable

¹ FMC annual report 2016 | ² Juergensen E, Wuerrth D, Finkelstein SH, Juergensen PH, Bekui A, Finkelstein FO. Hemodialysis and peritoneal dialysis: patients' assessment of their satisfaction with therapy and the impact of the therapy on their lives. Clin J Am Soc Nephrol 2006; 1(6):1191-6. | ³ Stel V et al. NDT Plus 2011;4:1-13 | ⁴ Berger A1, Edelsberg J, Inglese GW, Bhattacharyya SK, Oster G, m J Manag Care. 2009 Aug;15(8):509-18. Cost comparison of peritoneal dialysis versus hemodialysis in end-stage renal disease. | ⁵ Giannakouris K. EUROSTAT statistics in focus: population and social conditions, 2008. 2International Diabetes Federation. Diabetes Atlas, 2010. Available at: <http://www.diabetesatlas.org/content/europe>, accessed: Apr 2011. 3Kearney PM et al. Lancet 2005;365(9455):217-23 | ⁶ Deloitte; 2016 Global health care outlook, Battling costs while improving care | ⁷ Muhammad U, Sharif, Mohamed E, Elsayed, and Austin G. Stack; Clin Kidney J. 2016 Feb; 9(1): 11-22; The global nephrology workforce: emerging threats and potential solutions | ⁸ Julia Kerschbaum, Paul König, and Michael Rudnicki; Risk Factors Associated with Peritoneal Dialysis-Related Peritonitis; International Journal of Nephrology Volume 2012 (2012), Article ID 483250, 11 pages



bring patients **home.**

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Contraindication: The PeriSafe® system is not intended for pediatric use, for patients with dementia, a strong tremor or blind patients.
Product availability: For information about product availability in your country, please contact Peripal AG.