

S³

S³ monitor

DAILY HEMODIALYSIS THE CHOICE OF INDEPENDENCE



 **Physidia**
REGENERATE YOUR LIFE

S³



A BETTER QUALITY OF LIFE

Physidia has designed the S³ monitor to help dialysis patients to regain quality of life and independence.

- Increased well-being
- Reduced recovery time
- More free time
- Increased independence



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AN EXPERT DEDICATED TO THE NEEDS OF THE PATIENT

Since its creation, Physidia has made innovation and service a priority for the patient's comfort, freedom and security.

Simplicity of use

- Compact and ergonomic monitor
- Interactive and mobile touchscreen
- Ready to use monitor
- Intuitive installation
- Treatment flexibility
- Easy to transport

Security, at every treatment

- Patient card with secured medical prescription
- Sterile dialysate solutions
- Record of dialysis data at each session

Services on daily basis

- PhysiTravel : The holidays solution
- Technical hotline
- Training materials and tools

The S³ monitor is a medical device delivered upon prescription. Your nephrologist is your primary contact to discuss of available treatments and answers to your illness. Do not hesitate to contact them to discuss daily hemodialysis treatment at home.






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MAIN CLINICAL BENEFITS OF FREQUENT HEMODIALYSIS




Quality of life



Quality of life (SF36) ^[1] 
Health ^[1] 
Recovery time after dialysis session ^[1] 


Cardiovascular system



Hypertension ^[2,3] 
Antihypertensive treatment ^[2] 
Left ventricular hypertrophy ^[4,5] 

Phospho-calcic metabolism



Phosphorus ^[6,7] 
Chelators dose ^[6] 
PTH ^[6] 

Nutritional status



Nutritional and mineral intake ^[8] 
Albuminemia ^[9,10] 

Scientific and medical references

[1] Patients receiving frequent hemodialysis have better health-related quality of life compared to patients receiving conventional hemodialysis, A. X.Garg et al, *Kidney Int.* 2017, 91, 746-754. [2] Volume control and blood pressure management in patients undergoing quotidian hemodialysis, G.Nesrallah et al, *Am. J. Kidney Dis.* 2003, Jul;42(1Suppl):13-7. [3] Effect of Frequent or Extended Hemodialysis on Cardiovascular Parameters: A Meta-analysis P. Suanitaphong et al, *J. Kidney Dis.* 2012, May ; 59(5): 689-699. [4] In-Center Hemodialysis Six Times per Week versus Three Times per Week, G. M. Chertow et al, *N Engl J Med* 2010;363:2287-300. [5] Determinants of Left Ventricular Mass in Patients on Hemodialysis: the Frequent Hemodialysis Network (FHN) Trials, C.T. Chan et al, *Circ Cardiovasc Imaging.* 2012, March 1; 5(2): 251-261. [6] The role of daily dialysis in the control of hyperphosphatemia, G. Steven et al, *Kidney International*, 2005, Vol. 67, Supplement 95, pp. S28-S32. [7] Short daily hemodialysis is associated with lower plasma FGF23 levels when compared with conventional hemodialysis, J. Zaritsky et al, *Nephrol Dial Transplant.* 2014, 29: 437-441. [8] Short daily hemodialysis rapidly improves nutritional status in hemodialysis patients, R. Galland et al, *Kidney International*, Vol. 60 (2001), pp. 1555-1560. [9] Clinical and biochemical correlates of starting "daily" hemodialysis, J. D. Woods et al, *Kidney International*, Vol. 55 (1999), pp. 2467-2476. [10] Low flux dialysate daily home hemodialysis: A result for the 62 first French and Belgian patients, A. Benabed et al, *Néphrologie & Thérapeutique*, 13, (2017), 18-25.



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