

HighVolumeHDF

Do it for your patients: **Just push the button**

Positive Effects on Quality of Life

HighVolumeHDF patients reported better outcomes¹ regarding:



Pain
interference



Cognitive
function



Physical
function



Ability to
participate in
social roles
and activities

23%

reduction in the risk
of **mortality** in the
HDF vs. HD group.²

79%

of HDF sessions can
achieve HighVolumeHDF
with **AutoSub plus**.⁵

facts & figures

22%

risk **reduction** in
hospitalization.⁶

28%

savings of **dialysis fluid** with
AutoFlow feature in **HighVolumeHDF**
can be achieved.

When using the 5008 series and 6008 CAREsystem.³

up to **9%**

estimated **reduction** in
requirement for EPO
as compared to HD.⁴

¹Rose, M. et al., for the CONVINCe Scientific Committee and CONVINCe Investigators, The CONVINCe randomized trial found positive effects on quality of life for patients with chronic kidney disease treated with hemodiafiltration, *Kidney International* (2024)

²Blankestijn PJ et al., CONVINCe Scientific Committee Investigators, Effect of Hemodiafiltration or Hemodialysis on Mortality in Kidney Failure, *N Engl J Med* 2023 Aug 24;389(8):700-709

³Internal calculation is based on an example at QB = 300 mL/min and a 240-minute treatment. There are savings of 34 L of dialysis fluid with post HDF at AutoFlow factor 1.2, with QD = 360 mL/min, compared to post HDF, with a fixed QD = 500 mL/min.

⁴<https://www.nice.org.uk/guidance/ng107>, Renal replacement therapy and conservative management, published date: October 2018.

⁵Marcelli, D. et al., High-Volume Postdilution Hemodiafiltration Is a Feasible Option in Routine Clinical Practice, *Artificial Organs* 2015, 39(2): 142-149.

⁶Maduell F. et al., High-Efficiency Postdilution Online Hemodiafiltration Reduces All-Cause Mortality in Hemodialysis Patients, *J Am Soc Nephrol* (2013); 24: 487-497.



6008 CAREsystem

Leveraging leading-edge technologies to deliver advanced dialysis therapy. Efficient, eco-friendly and optimized workflows result in **more care and less complexity**.



Advanced therapies

- All-in-one CAREset for flexibility in therapy delivery
- Air-free design and low extracorporeal volume
- **HighVolume**HDF delivery
- Maximization of substitution rate



Simplified workflows

- Improved workflows for staff
- Fewer user actions required
- Improved level of care quality



Patient and user safety

- Reduced risk of infection and cross-contamination
- Automatic connection to integrated infusion port
- Blood reinfusion in a closed circuit
- Integrated pressure measurement



Direct cost savings

- All-in-one CAREset compact design and light-weight material
- Reduced operating costs and dialysate flow savings
- Less training effort
- Automatic emptying of all disposables

HighVolumeHDF is Fresenius Medical Care