



Frequency and Duration **MATTER**



NxStage® System One™

FIRST and ONLY clearance for
Home Nocturnal Hemodialysis

MANAGING CLINICAL NEEDS

More frequent dialysis, during the day (HHD) or overnight (NHD), may provide significant clinical and quality of life benefits including:

- More energy¹⁻⁴
- Improved appetite^{3,5-9}
- Quicker time to recovery^{10,11}
- Lower risk of death¹²⁻¹⁷

More frequent home hemodialysis, with the NxStage System One, may help to reduce the amount of toxin and water build-up between treatments. This may reduce or even eliminate the many side effects patients experience with conventional three-times-weekly therapy.

CLINICAL BENEFITS	FREQUENT HHD	FREQUENT NOCTURNAL HD
Improved survival	+ ¹²⁻¹⁶	++ ¹⁷
Better middle to large molecule clearance	/	+ ^{18,19}
Improved phosphorus control	+ ²⁰⁻²²	++ ^{9,23}
Quicker recovery time after treatment	+ ^{10,11}	++ ²
Better mental and physical health	+ ^{1-4,20,24,25}	++ ²⁶
Increased likelihood of transplantation	+ ²⁷	+ ²⁷
Moderate interdialytic fluid gain	+ ^{3,5-8}	+ ²⁸
Reduced left ventricular hypertrophy	+ ^{7,20,21,29}	+ ^{28,29}
Less myocardial stunning	+ ³²	++ ³²
Better blood pressure control with fewer medications	+ ^{3,7,20,29,33-35}	+ ^{30,31,36}

Legend: / Negligible | + Moderate | ++ Substantial

Indexed to conventional in-center hemodialysis

The evidence is clear. Clinical studies have shown that patients performing more frequent hemodialysis with the NxStage System One may live longer, experience shortened time to recovery and feel better both mentally and physically. ^{1,10,12,13,33}

IMPROVING QUALITY OF LIFE

The flexible therapy option of performing treatments during the day or overnight gives patients control over their schedule. Without rigid dialysis clinic time-slots to contend with, patients may be able to resume working, travel or spend more time with their friends and family. This is in addition to a number of other lifestyle benefits.

LIFESTYLE BENEFITS	IN-CENTER NOCTURNAL HD	FREQUENT HHD	FREQUENT HOME NOCTURNAL HD
Better supports working patients / care partners	++	+	++
Reclaim their day	++	+	++
Quicker recovery time after treatment	++ ²	+ ^{10,11}	++ ²
More energy	++ ²	+ ¹⁻⁴	++ ²
Improved sleep quality	+ ³⁷	+ ^{3,38,39}	+ ³⁷
Liberalized diet and fluid intake restrictions	++ ^{9,28}	+ ^{3,5-9}	++ ^{9,28}
Lessened dependency on others	/	++ ²	++ ²
Choice of privacy / discretion	/	+	+
Reduced visits to the clinic	/	+	+
Lessen exposure to communicable diseases	/	+	+
Increased ability to travel*	/	+	+
Improved sexual satisfaction	+ ^{2,40}	+ ^{1,2,4,41}	+ ^{2,40}

Legend: / Negligible | + Moderate | ++ Substantial

Indexed to conventional in-center hemodialysis

*Available with the NxStage System One

THE SYSTEM ONE DIFFERENCE

The NxStage System One was designed as a **SIMPLE, FLEXIBLE, AND PORTABLE** system, without compromising safety, providing the growing number of people with end-stage renal disease better options for their hemodialysis treatments.



Express System

HOW THE NXSTAGE SYSTEM ONE WORKS

- 1 NO SPECIAL INFRASTRUCTURE REQUIREMENTS**
 - » Plugs into a standard electrical outlet
 - » Drains without requiring plumbing changes
- 2 DESIGNED FOR EASE OF SET-UP, TRAINING, AND PORTABILITY**
 - » Drop-in cartridge allows one-step loading
 - » Patient-friendly controls
 - » Simple, compact PureFlow SL water purification system
 - » Prepackaged fluids giving patients the freedom to travel or dialyze throughout their home
- 3 SIMPLE MAINTENANCE**
 - » Quick, wipe-down disinfection makes maintenance easy
 - » NxStage service swap program helps prevent missed treatments
- 4 DEDICATED SUPPORT**
 - » NxStage support representatives available 24/7

NxStage System One

FIRST and ONLY clearance for Home Nocturnal Hemodialysis

FLEXIBLE THERAPY AT YOUR FINGERTIPS

Calculating dialysis prescriptions has never been easier. Designed and built from scientific formulas and peer-reviewed journals, the NxStage Dosing Calculator provides flexible treatment schedules to assist you in prescribing the therapy option that works best for your patients.

Now when discussing options with your patients you can work together to see what fits into their schedules while meeting their clinical needs.

Compatible with desktop and mobile devices,

the Dosing Calculator is available when and where you need it.

DOSING CALCULATOR | INSTRUCTIONS FOR USE | REFERENCES | SIGN OUT

Language: English-United States (English)

NxSTAGE
Treat. Improve. Inspire.

NxStage Dosing Calculator

Use Watson Body Water Calculator?
 Yes
 No

Watson Body Water Calculator

Age: 62
Weight: 115 lb
Height: 74 in
Gender: Male
Volume (V): 55

Treatment Calculator

Target weekly stdKtV: 2.0
Blood flow rate: 500 ml/min
Hematocrit: 34
Weekly UF volume: 12 L
Max UF Rate: 1.1 L/hr
Min hours/week: 10
Allow 3-days per week: Yes
Round up to nearest SAK: Yes
Include rinsback in daily UF: Yes

Reset | Calculate



TRY THE DOSING CALCULATOR TODAY
DOSINGCALCULATOR.NXSTAGE.COM

WHAT WOULD YOU DO?

In a survey of 78 dialysis center medical directors, **98%** reported that they would choose a home modality if they needed dialysis.⁴²

FOR MORE INFORMATION VISIT: NXSTAGE.COM OR CALL 1-866-NXSTAGE.

Despite the health benefits that more frequent home hemodialysis may provide to those with chronic kidney disease, this form of therapy is not for everyone. Home hemodialysis with the NxStage System One requires a patient and partner who are committed to being trained on and following the guidelines for proper system operation.

The reported benefits of home hemodialysis may not be experienced by all patients.

The NxStage System One is a prescription device and, like all medical devices, involves some risks. The risks associated with hemodialysis treatments in any environment include, but are not limited to, high blood pressure, fluid overload, low blood pressure, heart-related issues, and vascular access complications. The medical devices used in hemodialysis therapies may add additional risks including air entering the bloodstream, and blood loss due to clotting or accidental disconnection of the blood tubing set. Patients should consult with their doctor to understand the risks and responsibilities of home and/or more frequent hemodialysis using the NxStage System One.

Certain risks are unique to the home. Treatments at home are done without the presence of medical personnel and on-site technical support. Patients and their partners must be trained on what to do and how to get medical or technical help if needed.

Certain risks associated with hemodialysis treatment are increased when performing nocturnal therapy due to the length of treatment time and because therapy is performed while the patient and care partner are sleeping. These risks include, but are not limited to, blood access disconnects and blood loss during sleep, blood clotting due to slower blood flow or increased treatment time or both, and delayed response to alarms when waking from sleep. Patients should consult with their physician to understand the risks and responsibilities associated with home nocturnal hemodialysis using the NxStage System One.

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