

“Bringing quality home haemodialysis into the United Kingdom”



An exciting new distributive partnership with NxStage Medical Inc.

NxStage in the UK

It has been a very exciting and busy time for Kimal and NxStage. Home haemodialysis is a very current topic within the Government and NHS. It is well documented that daily home therapies will ensure the best possible health benefits for the patient. It also has the priceless advantage of improving quality of life and allowing the patient to be in control of their therapy and treatment.

NxStage was formed in 1998 by a group of passionate and experienced individuals who wanted to design and build a haemodialysis machine for patients, to be used at home. In 2005 after extensive clinical trials they began publically trading and now have over 3100 patients within America. Some of these patients have been dialysing at home on this system for over five years.

I flew to Boston in May to start my clinical training and get some hands on experience with the NxStage system. Kay Deck, the Nursing Director, showed me around their fabulous converted factory and introduced me to the team. I began in earnest to see and understand this innovative system and realise how revolutionary it could be for patients within the UK.

In June, Kay Deck flew over to support Kimal and the Lister Hospital with putting the first

patients on. The machine and Pureflow water system are designed to be easy to use and colour coded to visually help with this. On June 22nd 2009 the first two patients in the UK began their new treatments. It was amazing to watch the almost instant change within the patients; blood pressure improved and energy levels rose. The patient's fluid and dietary restrictions were lifted and quality of life was improving daily. By the second week of treatments the patients were astounded by their vitality for life and were very vocal in their excitement at being allowed the opportunity to use this revolutionary system. The Lister nurses began to lead the training on how to use the machine and become self reliant in their own care. This process of patient empowerment has been very rewarding for all those involved at the Lister.

At the end of the second week everyone involved with this project began getting ready for the product launch. This included renovating the home therapies unit, press interviews, videoing experiences and attending the evening launch where Kay Deck gave a speech. It was a very exciting and hectic day for all, especially for the two Lister patients who became celebrities for the day!

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Clinical Nurse Specialist



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KIMAL[®]

Making a Difference

NxSTAGE

Renal Care, Pure and Simple.



The NxStage System One helps make daily and home therapy more accessible.

It is the first truly dedicated haemodialysis system for home use. System One was designed from the ground up to provide the simplicity, flexibility to make daily and home dialysis a practical reality, without compromising safety. It was designed to overcome the challenges of home and daily haemodialysis posed by traditional equipment.

Due to NxStage's continuous innovation, patients now have the chance to enjoy the health benefits of daily haemodialysis at home with Pureflow SL. The result is an entirely new level of personal freedom.

The System One Difference

- Compact - Allows for flexible therapy options at home
- No special infrastructure requirements. No significant electrical, plumbing or water purification infrastructure changes are required. The System One plugs into any standard electrical outlet and drains without requiring plumbing changes
- Designed for ease of setup, training and use - Drop in cartridge allows one-step loading and safety system activation
 - Simple compact water purification system for home use (SL package)
 - Simple intuitive controls for ease of use and training
- Designed for simple maintenance. Quick, wipe down disinfection makes maintenance easy and our service swap program helps prevent missed treatments

SL means streamlined

The new PureFlow SL - the key component of the SL package, helps

make home and daily dialysis with the System One even easier and more streamlined. Designed to overcome many of the limitations of traditional haemodialysis equipment, this compact, easy-to-use system prepares high-purity dialysate from ordinary tap water. PureFlow SL further enhances the simplicity and flexibility of the System One

PureFlow SL Highlights

- Simple, compact "all in one" design - this compact unit eliminates the need for a large water purification system, as well as the need to receive, store, hang, and dispose of bagged dialysate fluids in the home
- No special plumbing or electrical modifications. Just a simple tap or under-sink connection and standard electrical outlet helps avoid the often costly home modifications required by traditional systems
- Purity at home. Innovative technology prepares ultra - pure water and high purity dialysate
- Fast, easy batch preparation. In a few simple steps, PureFlow SL produces a batch of dialysate that can be used for up to three daily treatments - meanwhile the patient is able to go about their normal daily activities
- No complicated water testing. The integrated, replaceable water Purification Pack includes built-in purity sensors and lets you know when it's time to change it
- Increased treatment flexibility. Large batch capability increases the ability to treat larger patients and provides greater therapy flexibility
- Compact and lightweight. The System One cyclor can simply be lifted off the top of the PureFlow SL2 unit



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