Introducing SmartPD

The long waited breakthrough in peritoneal dialysis.

SmartPD, a state of the art, top of the line medical device.

A truly innovative automated peritoneal dialysis system

- Safe efficient APD for patients of all ages including pediatric
- Automated operations: IPD, CCPD, NPD, Tidal PD & Enhanced PD, customizable modality
- Continuous pressure monitoring and control
- Patient friendly graphical self-correcting alarm management system
- Easy to use patient colour touch screen control
- Inline heating of solutions
- Multi language
- APD therapies are written by the clinician and transferred to the cycler with the patient USB stick
- Easy retrieval of treatment history

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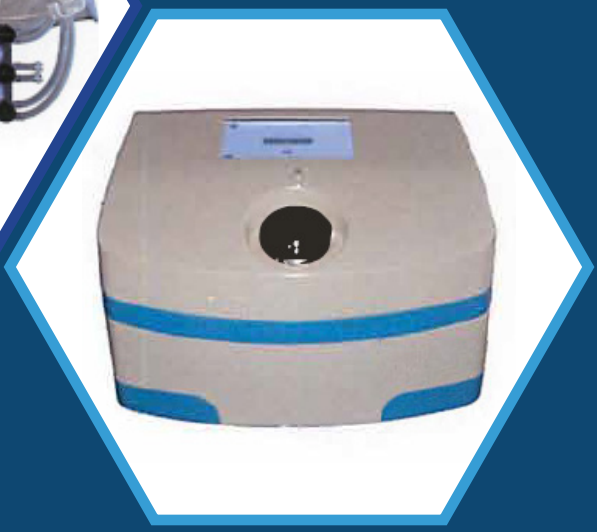

SmartPD
System Features

Patented IPP(intra-peritoneal pressure) control technology

- Automated and quantitative measurement of peritoneal cavity volume.
- Prevents volume overfill during Fill phase
- Optimizes Dwell duration
- Constant volume or constant pressure option during Dwell
- Automatically monitors and record ultrafiltration kinetics during Dwell
- Complete drainage of infused fluid at end of cycle
- Prevents Drain pain
- Wet and dry end state option

Patented Point of use formulation

- Any approved dialysate formulation can be mixed and delivered cycle by cycle
- Can deliver any premix formulation
- Convert non physiological pH solution to physiological pHat point of use
- Can accept traditional or non-traditional osmotic agents
- Automatic delivery of additives and treatment drugs

Patented Connectology

Specially designed cartridge that can mimic the physical environment and chemical nature of the fluid in the peritoneal cavity

Double-shielded and spikeless connectors

The fluid path is automatically monitored for continuity during the entire treatment Monitoring of fluid path

- Prevents accidental disconnection during the entire dialysis procedure
- Automatically detects and manages accidental disconnects
- Detects and manages kinks and blockages in fluid lines
- Limits human contact with clinically relevant surfaces in the fluid path

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