

BENEFITS OF THE AQUADEX SMARTFLOW THERAPY IN PEDIATRIC PATIENTS ($\geq 20\text{KG}$)

- **SIMPLE:** Easily adjustable blood flow rates helps achieve desired fluid balance
- **GENTLE:** Only 35ml of extracorporeal volume in the blood circuit
- **SMART:** Contains multiple diagnostic capabilities to help clinicians tailor therapy to their patients

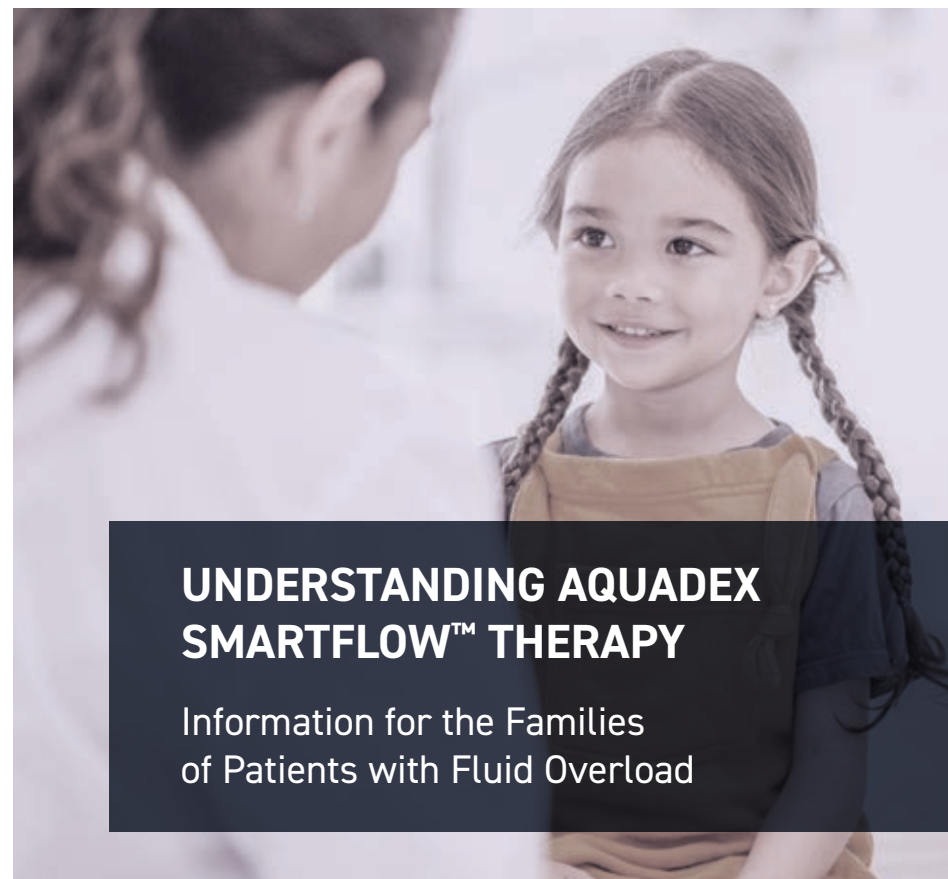
aquadex
SmartFlow™

AQUADEX SMARTFLOW SYSTEM
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RX ONLY

INDICATION: The Aquadex SmartFlow System is indicated for: Continuous ultrafiltration therapy for temporary (up to 8 hours) or extended (longer than 8 hours in patients who require hospitalization) use in adult and pediatric patients weighing 20 kilograms or more whose fluid overload is unresponsive to medical management, including diuretics. All treatments must be administered by a healthcare provider, within an outpatient or inpatient clinical setting, under physician prescription, both of whom having received training in extracorporeal therapies.

Aquadex SmartFlow™ is a trademark of CHF Solutions, Inc.



UNDERSTANDING AQUADEX SMARTFLOW™ THERAPY

Information for the Families
of Patients with Fluid Overload



chf solutions

A **safe and effective** therapy for pediatric patients with fluid overload

WHAT IS FLUID OVERLOAD?

Fluid overload, or hypervolemia, is a medical condition where there is too much fluid in the body. Excess fluid, primarily salt and water, builds up throughout the body and blood stream resulting in weight gain. Most of the time, the body will naturally dispose of this excess fluid. However, with certain medical conditions, it may be necessary to provide the body with some assistance.

HOW IS FLUID OVERLOAD TREATED?

In many cases, taking medication called diuretics will help remove excess fluid in the body. However, these medications can stop working in some patients and may be poorly tolerated in others.¹⁻³ Aquadex SmartFlow therapy is an option for treating fluid overload when medical therapy is inadequate.

WHAT IS AQUADEX SMARTFLOW THERAPY?

The Aquadex SmartFlow has been shown to be safe and effective in the treatment of pediatric patients (≥ 20 kg).⁴ It provides a mechanical method for removing excess salt and water from your body and assists in restoring a proper fluid balance.

HOW DOES THE AQUADEX SMARTFLOW WORK?

- The Aquadex SmartFlow device is connected to a catheter to withdraw blood containing excess fluid
- The blood then passes through a special filter which separates blood from excess salt and water
- The blood then is returned to the body



FOR MORE INFORMATION

Please consult your doctor to understand risk/benefit information or visit us online at www.chf-solutions.com to learn more about the Aquadex SmartFlow System.

Sources:

- ^[1]Claire-Del Granado and Mehta BMC Nephrology (2016) 17:109.
^[2]Raina R et al. Front Pediatr. 2018 Oct 29;6:306.
^[3]Goldstein S, et al. British Journal of Anesthesia.2014;113(5):756-63.
^[4]Menon S, et al. Clin J Am Soc Nephrol. 2019 Oct 7;14(10):1432-1440.