

Precision Fluid Management Starts Here



Accuryn® Monitoring System

Transform the traditional catheter into a next-generation smart device and platform.

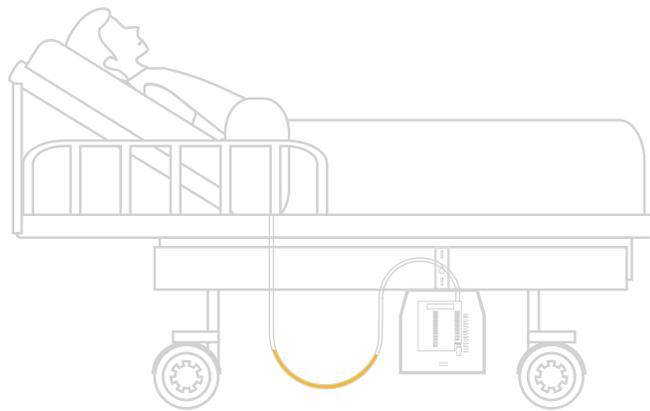
The Accuryn® Monitoring System provides real-time urine output monitoring that can enable you to detect the risk of acute kidney injury earlier.



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Stop measuring what gets to the Bag

There are an estimated 300,000 deaths from acute kidney injury (AKI) annually in the U.S.¹ Hourly U/O monitoring detects signs of AKI, allowing earlier, more precise interventions. But urgent demands may prevent timely readings. Compounding things, **airlocks and dependent loops** cause urinary retention and false measurements.



300,000

Estimated deaths from AKI yearly in the U.S.¹

96 ml

Average urinary retention demonstrated in an ICU study³

50% of catheterized

patients showed false oliguria due to urine retention in a multicenter study³

Only 26% of patients are getting timely U/O readings, showed one study²

Start measuring what the Kidneys produce

Accuryn features exclusive technology that automatically clears the catheter's drain line. The result is **accurate, real-time, continuous U/O data.**⁵

Impact of Accuryn's active drain line clearance

- » Early detection of renal function and AKI, enabling better outcomes
- » Enhanced staff efficiency and performance
- » Helps prevent retained urine⁴
- » Minimizes false oliguria⁴



In a recent study of more than 15,000 ICU patients, **intensive U/O monitoring was associated with improved outcomes**, including:⁴

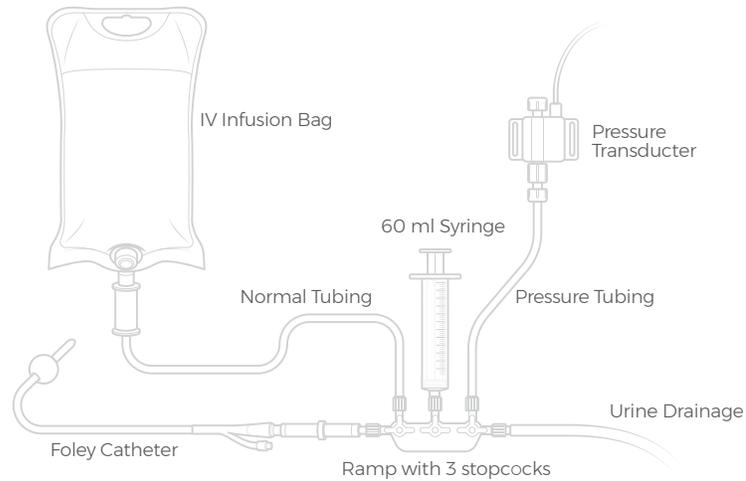
Reduced 30-day mortality in patients with AKI

Less fluid overload

Higher accuracy in detecting AKI than serum creatinine*

Can you trust your current IAP data?

Serial IAP measurements are critical for many ICU patients. But existing techniques, like the one pictured below, are time consuming, complicated and inaccurate.⁶



50% of ICU patients develop intra-abdominal hypertension (IAH), an independent risk factor of death⁷

5% of ICU patients develop abdominal compartment syndrome (ACS)⁷

\$598,000
Approximate cost of emergent surgery for ACS⁸

9

Go from complex to simple

Accuryn gives you data you can trust.

"IAP is measured from a small balloon sensor seamlessly integrated directly below the catheter tip. Stop opening multiple disposable kits and replace them with a simple push of a button to measure IAP when you want.

Impact of Accuryn's direct IAP monitoring

- » Alerts clinician to elevated IAP, leading to earlier detection of IAH/ACS
- » Get 6 and 12 hour IAP trends
- » No setup! The sensor is already built into the Foley you placed earlier for the patient



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Monitoring IAP as part of an evidence-based protocol can significantly improve outcomes for patients that develop ACS, including:⁸

Reduce length of stay by an avg. of **10 days** and ventilator time by **5**.

Reduce open abdomen surgeries by over **50%**

Save **4 lives per every 1,000** ICU admissions

Spend less time inputting data and more time with patients

Accuryn® sets the standard for critical care monitoring.

Accuryn continuously measures U/O, IAP, and core body temperature to help you monitor your patients and potentially predict and prevent critical conditions like AKI and IAH/ACS



“This technology has the potential to open **new opportunities** for earlier diagnosis, strategic interventions, injury prevention, and better overall patient care.”

Gregory Schears, MD
Professor of Anesthesiology & Critical Care,
Rochester, MN

Trending graphs for IAP, U/O and core temperature

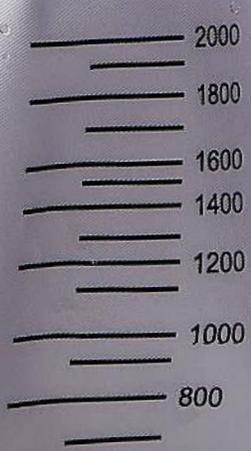
User-friendly patient stat readout

Customizable real-time alerts

Proprietary active drain line clearance

Touch Screen

ACCURYN™



Frequently asked questions about the Accuryn® Monitoring System.

Q. What if my patient isn't indicated for IAP monitoring?

A. Accuryn® catheters are available with and without IAP monitoring capability. The Accuryn monitor is compatible with both versions.

Q. Will IAP monitoring require additional setup?

A. No. Once the catheter is inserted, you're done. A small balloon at the tip of the catheter measures IAP. The system remains closed, reducing CAUTI risk.

Q. What does "active drain line clearance" mean?

A. Active drain line clearance gently pulls urine through the drain line to eliminate airlocks and overcome dependent loops. The result: real-time, accurate data. Accuryn is the only system currently available worldwide with active drain line clearance.

Q. Is the system EMR compatible?

A. Yes. Accuryn® is EMR compatible, saving valuable nursing time and ensuring quick access to critical data.

Precision data drives precision interventions.

“This technology has the potential to open new opportunities for earlier diagnosis, strategic interventions, injury prevention, and better overall patient care.”

Dr. Greg Schears,

Professor of Anesthesiology & Critical Care, Mayo Clinic

Contact us today for a demo.

Email your Accuryn representative or contact info@potreromed.com with subject line "DEMO".

References:

1. JLewington AJ, Cerdá J, Mehta RL. Raising Awareness of Acute Kidney Injury: A Global Perspective of a Silent Killer. *Kidney international*. 2013;84(3):457-467. Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3758780/pdf/nihms463902.pdf> Accessed August 24, 2017.
2. Jin K, Murugan R, SileanuFE, et al. Intensive Monitoring of Urine Output Is Associated With Increased Detection of Acute Kidney Injury and Improved Outcomes. *CHEST* (2017), doi: 10.1016/j.chest.2017.05.011. Available at: [https://journal.chestnet.org/article/S0012-3692\(17\)30933-9/fulltext](https://journal.chestnet.org/article/S0012-3692(17)30933-9/fulltext) Accessed August 23, 2017.
3. Garcia MM, Gulati S, Liepmann D, et al. Traditional Foley Drainage Systems—Do They Drain the Bladder? *Jour Urol*. 2007;177:203-207.
4. Kramer GC, Luxon E, Wolf J., et al. Inaccuracy of Urine Output Measurements Due to Urinary Retention in Catheterized Patients in the Burn ICU. *Jour Burn Care & Research*. 2017;38(1):e409-e417.
5. Data on file. Available upon request.
6. Malbrain M. Different Techniques to Measure Intra-Abdominal Pressure (IAP): Time for a Critical Re-Appraisal. In: M.R. Pinsky et al, eds. *Applied Physiology in Intensive Care Medicine 2: Physiological Reviews and Editorials*. Berlin: Springer-Verlag Berlin Heidelberg; 2012:13-27.
7. Lee RK. Intra-Abdominal Hypertension and Abdominal Compartment Syndrome: A Comprehensive Overview. *Crit Care Nurse*. 2021; 32(1):19-31. Available at: <http://ccn.aacnjournals.org/content/32/1/19.long> Accessed August 23, 2017.
8. Cheatham ML, Safcsak K, SugrueM. Long-Term Implications of Intra-Abdominal Hypertension and Abdominal Compartment Syndrome: Physical, Mental and Financial. *Am Surg*. 2011 Jul;77 Suppl 1:S78-82.
9. Data on file. Available upon request.