# Cool News™

ALSIUS
A NEW DEGREE OF CARE

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## *ALSIUS "The Coolest Technology" Around*

### A Life Saving Doctor Puts *His* Life in the Hands of Others

Dr. Erick Itoman, a critical care physician at Queens Medical Center in Honolulu, Hawaii, used the CoolGard 3000® system for the first time on a cardiopulmonary arrest patient. The patient had a full recovery. "It was from this experience that I became convinced that the CoolGard was amazing," says Dr. Itoman. Little did he know how much more of an impact the CoolGard would truly make on his life.

Later that week, Dr. Itoman and some friends were free-diving and spearfishing on a reef, off the coast of Hawaii. Dr. Itoman and his friend were separated while on a dive. When spooked by a shark, the friend went to find Dr. Itoman. He swam down and saw a lifeless body laying 60 feet below on the ocean floor. Dr. Itoman had suffered from shallow water blackout. The friend knew something was wrong, so he tried to swim further to reach Dr. Itoman, but couldn't. He had to swim back up to the boat to have someone else rescue their helpless friend. During this time, Dr. Itoman had been without oxygen for over five minutes. The moment he was brought on board, CPR was started. Three hundred yards away, an ambulance was waiting on shore for their arrival.

Dr. Itoman was brought to Queens Medical Center where an ICY catheter® was placed in his femoral vein. He remained on the CoolGard for twenty-four hours and was kept at 33°-34°C. Thanks to the CoolGard, he suffered no neurological deficits. Dr. Itoman believes that the CoolGard made a significant difference in his full recovery. He is grateful to be back at practicing medicine and saving others.

### *Topic of the month – The New Software Upgrade for CoolGard 3000®*

When you need a temperature regulation device to deal with different clinical situations, ALSIUS CoolGard 3000® (CG 3000®) can provide a full spectrum of features.

In addition to the "**Max**" power setting and the **"Controlled Rate"** options, Alsius has added the **"Fever"** mode as the third treatment algorithm to CG 3000. The advantage of this new feature is to provide more immediate and effective reaction to fever spikes.

In the **"Max Power"** setting, CG 3000 provides fast cooling or maximum rewarming for applications such as therapeutic hypothermia or accidental hypothermia. In the **"Controlled Rate"** setting, the CG 3000 decreases or elevates the patient's temperature to the target temperature at a programmed rate. This setting is mostly used for slow rewarming post hypothermia treatment. The rate can be selected between 0.1°C/hr to 0.65°C/hr. In the **"Fever"** mode, the CG 3000 starts treating the patient once their temperature is above the target temperature. This latest upgrade also contains reliability enhancements and other software improvements based on feedback from our customers. ALSIUS is proud to make this latest upgrade available to our entire installed base at no charge.

## Five FAQs about Alsius Products

1. Can ICY® catheter be inserted via Subclavian or Jugular vein? No, femoral placement ONLY.
2. Can Cool Line® catheter be inserted via Subclavian or Jugular vein? Yes.
3. Per IFU (Instructions For Use), how long can the catheters stay in place for? 7 days with Cool Line, 4 days with Icy.
4. Why can't I remove air in the air trap or circuit? The spike needs to be inserted all the way into the saline bag.
5. Why is the air trap alarmed when no air is present? Condensation is on air trap. Please wipe with a dry towel.

## Where to See Alsius

**October 11, 12:00 -1:00 p.m.**
Nursing Grand Rounds by Boston Medical Center
Boston, Massachusetts

**October 12**
Lynchburg General by AACN Hill City Chapter
Lynchburg, Virginia

**October 13**
Carle Hospital Seminar by East Central Illinois Critical Care Nurses Chapter
Urbana, Illinois

**October 24 - 26**
National Stroke Association/Stroke Belt Consortium Regional Meeting
Orlando, Florida

**November 1**
North Central Wisconsin AACN Chapter
Wisconsin Rapids, Wisconsin

**November 1-2**
Spotlight on Critical Care by the AACN Greater Washington Area Chapter
Wisconsin Rapids, Wisconsin

## *AACN Brooklyn Chapter User's Meeting*

We had a successful meeting in Brooklyn that took place at the Brookdale University and Medical Center on Thursday, June 15th at Noon and 6:30p.m.

The lunch and dinner programs were great with participants' program satisfaction evaluations at 99%. Clinical speakers included: Dr. Benjamin Abella, MD, Assistant Professor of Medicine, Department of Emergency Medicine presented on the University of Chicago's Experience, and DaiWai Olson, RN, CCRN, PhD.c., NICU Staff Nurse at Duke University Medical Center presented "Intravascular Temperature Management in the NICU".

This program has been approved by the American Association of Critical Care Nurses (AACN) for 1.0 contact hours, category A file number 00013318. This means all the attendees received a CE Certificate from AACN/ALSIUS for participating at the program.

## *Hurricane Force Hypothermia User's Meeting*

The Hurricane Force Hypothermia Meeting was held in Raleigh, North Carolina on September 14th. A total of 80 physicians, nurse managers, clinical educators and administrators attended the meeting. They were from Duke Health Raleigh, REX Healthcare, and Wake Med, as well as County EMS and representatives from the local American Heart Association.

In the Wake County area, EMS will implement a county wide protocol to begin hypothermia in the field to cardiac arrest survivors. This is quite progressive and may prove to be a model for communities as other facilities implement procedures following the new AHA Guidelines.

Dr. Abella not only gave an excellent presentation, he also answered a lot of questions on how to establish the program from his experiences at the University of Chicago. Alsius is proud to have been a part of this unique situation from the early stages and continue to be an important part of daily practice and care.

***Please visit www.alsius.com or contact us at 1-877-2ALSIUS (877-225-7487)***