Acute Dialysis Quality Initiative

ADQI was started in response to concerns about the quality of care delivered to patients with Acute Kidney Injury (AKI) based on published data demonstrating that AKI is associated with an unacceptably high mortality, and there is a wide practice variation in its diagnosis and management worldwide.

In order to address these issues, ADQI has adopted an evidence based methodology to develop consensus based recommendations for managing patients with AKI. The key goal of the ADQI process is to ultimately provide evidence based guidelines for the management of AKI. Consequently, we have initiated a series of conferences under the auspices of the Acute Dialysis Quality Initiative.

ADQI aims at establishing an evidence-based appraisal and set of consensus recommendations to standardize care and direct further research. The results of previous consensus conferences are available on-line at www.ADQI.net.

Fluid Management in AKI

The fifth ADQI conference is focused on “Fluid Management in AKI”. Renal dysfunction is common among the critically ill and injured. Acute kidney injury occurs in as many as 2/3 of patients admitted to the ICU and renal failure, severe enough to require RRT occurs in nearly 6%. Fluid management is one of the hallmarks of care for both preventing and treating renal dysfunction. Fluid Management includes RRT, fluid composition, monitoring and pharmacologic manipulation of fluids. Participants will review existing evidence and make recommendations for current practice and for future research.

Ravindra Mehta  Claudio Ronco  John A.Kellum

The Asociación de Médicos Intensivistas de Costa Rica (AMICR) and the Surgical and Medical Intensive Care Units, Hosp. Dr. Rafael Ángel Calderón Guardia, San José, Costa Rica are the Organizers of the 2007 ADQI V Conference.

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The ADQI Conference is also made possible by the generous contribution of unrestricted educational grants of several companies including:

Gambro Healthcare
Baxter
Alcavis International
LiDCo

Acute Dialysis Quality Initiative
A process towards developing Consensus and Guidelines for Dialysis in the Critically Ill Patient

www.ADQI.net
San José, Costa Rica
Jan 18–20, 2007
CONFERENCE STRUCTURE

The fifth ADQI conference will utilize the same format and methodology employed previously (www.adqi.net). Specifically, recommendations will be evidence-based and consensus driven.

Prior to the conference, participants will be organized into small groups and will systematically gather the evidence in the literature on each topic. Each sub-group will be responsible for defining the specific questions that will be addressed for each topic and presenting key evidence to the group.

The specific objectives for this conference are:

- To develop a series of consensus statements on fluid management in Acute Kidney Injury. The features of this methodology include:
  - Pre-conference evidence abstraction
  - Identification of key questions
  - Assessment of the available evidence
  - Plenary sessions to present evidence appraisal
  - Iterative refining of recommendations
  - Draft summary statements for each topic
  - External peer review of statements

- The primary focus of this meeting will be on fluid management in AKI focused on:
  - Fluid (volume) management with RRT
  - Fluid composition
  - Fluid/volume monitoring
  - Pharmacologic management of volume

PROGRAM

**Wednesday, Jan 17**
7 pm Welcome Reception

**Thursday, Jan 18**
8:00am Travel to Tambor Beach
1:00pm ADQI: Report from the Executive Commitee (Claudio Ronco)
1:30pm ADQI and AKIN: (Ravindra Mehta)
1:45pm Introduction to ADQI V Methodology and “Ground Rules” (John Kellum)
2:00pm Plenary I: present questions
4:00pm Breakout Session I
7:00pm Dinner
9:00pm Adjourn

**Friday, Jan 19**
7:00am Breakfast
7:30 am Depart for sightseeing
12:00pm Working Lunch
12:30pm Plenary II: refined questions
2:30pm Breakout Session II
3:45pm Plenary III: draft statements
6:00pm Adjourn
7:00pm Dinner

**Saturday, Jan 20**
7:30am Breakfast
8:00am Breakout III
9:30am Plenary IV: Final Presentations
12:00pm Working Lunch
1:00pm Adjourn
3:00pm Return to San José

VENUES: Barceló San José Palacio and Tambor Beach Resort (www.barcelo.com)

FACULTY

Chairmen:
John Kellum (USA)
Ravindra Mehta (USA)
Claudio Ronco (Italy)

Executive officers of ADQI:
Rinaldo Bellomo, Melbourne, Australia, President
John Kellum, Pittsburgh, USA, President-Elect
Claudio Ronco, Vicenza, Italy, Immediate Past-President
Miet Schetz, Belgium, Member at large 2004 - 2006
Nathan Levin, New York, Member at large 2005-2007

Special Advisor
Ravindra Mehta, San Diego, USA

Faculty
Jorge Ramirez-Arce (Costa Rica)
Linda Awdishu (USA)
Patrick Brophy (USA)
Felix Cantarovich (France)
Jorge Cerda (USA)
Andrew Davenport (UK)
Juan Padilla Cuadra (Costa Rica)
R.T. Noel Gibney (Canada)
Eric Hoste (Belgium)
Lewis Kaplan (USA)
Martine LeBlanc (Canada)
Patrick Murray (USA)
Mitra Nadim (USA)
Emil Paganini (USA)
Paul Palevsky (USA)
Neesh Pannu (Canada)
Michael Pinsky (USA)
Kai Singbartl (USA)
Andrew Shaw (USA)