KDIGO Controversies Conference

Cardiovascular Disease in CKD: What is it and what can we do about it?

October 29-31, 2010
Radisson Blu Portman Hotel
London, United Kingdom

CONFERENCE OVERVIEW

Kidney Disease Improving Global Outcomes (KDIGO) is an international organization whose mission is to improve the care and outcomes of kidney disease patients worldwide by promoting coordination, collaboration, and integration of initiatives to develop and implement clinical practice guidelines. Periodically, KDIGO sponsors conferences on topics of importance to patients with kidney disease. These conferences are designed to review the state of the art on a focused subject, and to ask conference participants to determine what needs to be done in this area to improve patient care and outcomes. Sometimes the recommendations from these conferences lead to KDIGO guideline efforts, but other times they highlight needed areas for additional research to produce evidence that might lead to guidelines in the future.

A growing amount of evidence suggests that chronic kidney disease (CKD) at all stages is an important, independent risk factor for cardiovascular disease (CVD). As a consequence many patients with CKD die prematurely before they reach dialysis or die on dialysis, despite the technical achievements in organ replacement therapy. However, the reasons for these adverse associations are not well understood and are therefore controversial. In particular, whether CVD and CVD events are different in CKD patients compared to patients without CKD is poorly defined. Similarly, whether there are important differences in CVD in patients with CKD that suggest preventative or therapeutic strategies that are unique to this population is unclear.

Therefore, KDIGO is sponsoring "Cardiovascular Disease in CKD: What is it and what can we do about it?" The conference will be held on 29-31 October 2010 in London, England. Drs. Eberhard Ritz and Charles Herzog will co-chair this conference, which will attempt to define the current state of our knowledge of CVD in patients with CKD Stages 1-5. Topics will include epidemiology, pathophysiology, diagnosis, prevention and treatment, with the focus on four areas of utmost clinical relevance: 1) Coronary artery disease and myocardial infarction, 2) Congestive heart failure, 3) Sudden cardiac death and 4) Cerebrovascular disease and stroke.

Invited participants and speakers will include the leading worldwide experts in these topic areas, including nephrologists, cardiologists and representatives of other disciplines to give the broadest views possible on the subject. Their task will be to summarize the existing knowledge, develop recommendations on what can be done to optimize the prognosis of CKD patients based on this knowledge, and to formulate and prioritize research questions. The conference output will include publication of a position statement that will help guide KDIGO and others on additional research and ultimately clinical practice guidelines.

CONFERENCE AGENDA

Thursday, 28 October
20:00 – 22:00 hrs

LOCATION

20:00 – 22:00 hrs **Welcome Reception** **Lobby Fireplace**

Day 1 – Friday, 29 October
08:00 – 18:15 hr

07:30 – 08:00 hrs **Continental Breakfast** **Ballroom 3 & 4**

Introduction: Meeting Overview

08:00 – 08:10 hrs **Welcome and Introductions** **Ballroom 1 & 2**
Presenters: Kai-Uwe Eckardt & Bertram Kasiske, KDIGO Co-Chairs

08:10 - 08:40 hrs **World Health Organization Perspective**
Presenter: Ala Alwan

08:40 - 08:55 hrs **Conference Overview and Objectives**
Presenters: Charles Herzog & Eberhard Ritz, Conference Co-Chairs

Plenary Sessions: Epidemiology of CVD in CKD

Session Moderators: Charles Herzog and Eberhard Ritz

08:55 – 09:25 hrs **CVD in CKD Stages 1-4: KDIGO Prognosis Consortium**
Invited Presenter: Josef Coresh

09:25 – 09:55 hrs **CVD in CKD Stage 5**
Presenter: Kitty Jager

09:55 – 10:25 hrs **CVD in CKD: Asian Experience**
Presenter: Kunitoshi Iseki

10:25 – 10:45 hrs **Break**

Plenary Sessions: CVD Pathophysiology in CKD

Session Moderators: Charles Herzog and Eberhard Ritz

10:45 – 11:10 hrs	**Pathology of Cardiovascular Disease in CKD** Presenter: Kerstin Amann
11:10 – 11.35 hrs	**Uraemic Vascular Damage and Calcification in Children on Dialysis** Presenter: Rukshana Shroff
11:35 – 12:00 hrs	**Pathophysiology of Vascular Function in CKD** Presenter: Gérard London
12:00– 12:30 hrs	**Biochemical Abnormalities: Pathophysiology & Conventional Risk Factors** Presenter: Peter Stenvinkel
12:30 – 13:00 hrs	**Biochemical Abnormalities: Novel Risk Predictors** Presenter**:** Roberto Pecoits-Filho
13:00 – 13:45 hrs	**Lunch**
13:45 – 14:15 hrs	**Imaging 1: Echocardiography and Stress Nuclear Imaging (CAD, LVH, Valvular Disease)** Presenter: Thomas Marwick
14:15 – 14:45 hrs	**Imaging 2: Screening for Coronary Artery Disease with CT and MR** Presenter: Antonio Bellasi
14:45 – 15:15 hrs	**Sudden Death** Presenter: Charles Herzog
15:15 – 15:45 hrs	**Break**

15:45 – 18:15 hrs **Breakout Sessions: Epidemiology, Screening, Diagnosis, and Evaluation**

Breakout Group #1: Coronary Artery Disease/Myocardial Infarction
Discussion Leaders: Alan Berger and David Charytan
(Stay in Main Meeting Room)

Breakout Group #2: Cerebral Vascular Disease/Stroke/ Atrial-Fibrillation/Peripheral Artery Disease
Discussion Leaders: Robert Hart and Richard Asinger
(Room: Gloucester Suite)

Breakout Group #3: Congestive Heart Failure
Discussion Leaders: Javier Díez and Peter McCullough
(Room: Devonshire Suite)

Breakout Group #4: Sudden Death
Discussion Leaders: Rod Passman and Patrick Pun
(Room: Montagu Suite)

Free evening – dinner on your own

Day Two – Saturday, 30 October
8:00 to 19:00 hrs

LOCATION

7:30 - 8:00 hrs **Continental Breakfast** — **Ballroom 1 & 2**

Breakout Group Reports and Discussion — **Ballroom 3 & 4**

08:00 – 08:30 hrs **Breakout Group #1: Coronary Artery Disease/Myocardial Infarction**
Presenters: Alan Berger and David Charytan

08:30 – 09:00 hrs **Breakout Group #2: Cerebral Vascular Disease/Stroke/ Atrial-Fibrillation/Peripheral Artery Disease**
Presenters: Robert Hart and Richard Asinger

09:00 – 09:30 hrs **Breakout Group #3: Congestive Heart Failure**
Presenters: Javier Díez and Peter McCullough

09:30 – 10:00 hrs **Breakout Group #4: Sudden Death**
Presenters: Rod Passman and Patrick Pun

10:00 – 10:30 hrs **Break**

Plenary Sessions: Risk Predictors of CVD in CKD
Session Moderators: Charles Herzog and Eberhard Ritz

10:30 – 11:00 hrs **Role of Sodium/Potassium ATPase Inhibitors in Hypertensive & Cardiovascular Disorders & in Kidney Disease Progression**
Presenter: Jules B. Puschett

11:00 – 11:30 hrs **Salt Intake as a CV Risk Factor**
Presenter: Kirstin Bibbons-Domingo

11:30 – 12:00 hrs **Sympathetic Activity**
Presenter: Peter Blankestijn

12:00 – 12:30 hrs **Blood Pressure in CKD Stage 1-4**
Presenter: Johannes Mann

12:30 - 13:00 hrs **Vitamin D and Phosphorus**
Presenter: Ravi Thadhani

13:00 – 13:30 hrs **Lunch**

Plenary Sessions: Dialysis-Related Risk Predictors

Session Moderators: Charles Herzog and Eberhard Ritz

13:30 – 14:00 hrs **Blood Pressure in CKD Stage 5**
Presenter: Rajiv Agarwal

14:00 – 14:30 hrs **Intradialytic Stunning**
Presenter: Christopher McIntyre

14:30 – 15:00 hrs **Salt and Fluid Balance in CKD Stage 5**
Presenter: Charles Chazot

15:00 – 15:30 hrs **Method and Duration of Dialysis**
Presenter: Ercan Ok

15:30 – 16:00 hrs **Heart Failure/Cardiomyopathy**
Presenter: Javier Díez

16:00 – 16:30 hrs **Dyslipidemias/Statins**
Presenter: David Wheeler

16:30 – 17:00 hrs **Break**

17:00 – 19:00 hrs **Breakout Sessions: Prevention and Management**

Breakout Group #1: Coronary Artery Disease/Myocardial Infarction
Discussion Leaders: Alan Berger and David Charytan
(Stay in Main Meeting Room)

Breakout Group #2: Cerebral Vascular Disease/Stroke/ Atrial-Fibrillation/Peripheral Artery Disease
Discussion Leaders: Robert Hart and Richard Asinger
(Room: Gloucester Suite)

Breakout Group #3: Congestive Heart Failure
Discussion Leaders: Javier Díez and Peter McCullough
(Room: Devonshire Suite)

Breakout Group #4: Sudden Death
Discussion Leaders: Rod Passman and Patrick Pun
(Room: Montagu Suite)

20:00 – 22:00 hrs **Group Dinner (Meet in hotel Lobby at 19:30 hrs)**

Day 3 - Sunday, 31 October
8:00 to 12:30 hrs

LOCATION

7:30 - 8:00 hrs **Continental Breakfast** — **Ballroom 1 & 2**

Breakout Group Reports and Discussion — **Ballroom 3 & 4**

08:00 – 08:30 hrs	**Breakout Group #1: Coronary Artery Disease/Myocardial Infarction** **Presenters:** Alan Berger and David Charytan
08:30 – 09:00 hrs	**Breakout Group #2: Cerebral Vascular Disease/Stroke/ Atrial-Fibrillation/Peripheral Artery Disease** **Presenters:** Robert Hart and Richard Asinger
09:00 – 09:30 hrs	**Breakout Group #3: Congestive Heart Failure** **Presenters:** Javier Díez and Peter McCullough
09:30 – 10:00 hrs	**Breakout Group #4: Sudden Death** **Presenter:** Rod Passman and Patrick Pun
10:00 – 10:30 hrs	**Break/Check Out**
10:30 – 12:15 hrs	**Discussion and Consensus on Recommendations**
12:15 – 12:30 hrs	**Wrap up and next steps**
12:30 hrs	**Adjourn** (Departures)

Lunch available after adjournment