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)

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**Free evening – dinner on your own**
Day Two – Saturday, 30 October
8:00 to 19:00 hrs

7:30 - 8:00 hrs  Continental Breakfast

Breakout Group Reports and Discussion

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

LOCATION
Ballroom 1 & 2

Ballroom 3 & 4
**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 Diez

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 Diez 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

Ballroom 1 & 2

Breakout Group Reports and Discussion

Ballroom 3 & 4

7:30 - 8:00 hrs  Continental Breakfast

Breakout Group Reports and Discussion

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