



Past, Present and Future

Rationale for a Global Initiative

There is an increasing prevalence of kidney disease worldwide. The complications and problems of patients with kidney disease are universal.

Resources may vary, but the science and evidence-based care of patients with kidney disease are independent of geographical location or national borders.

There is room for improving international cooperation in the development, dissemination, and implementation of evidence-based care of CKD patients worldwide.

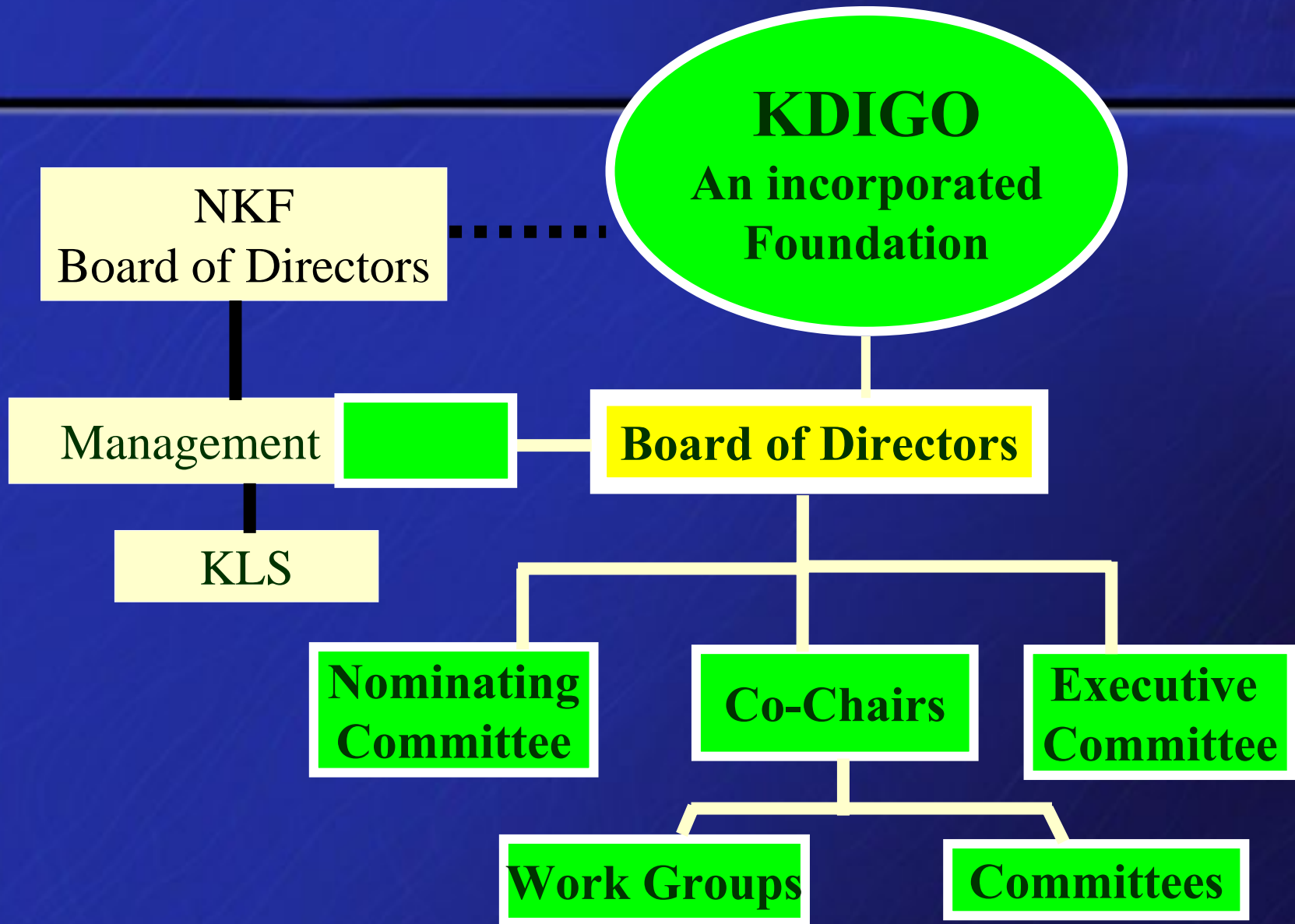
GLOBAL GUIDELINES INITIATIVE

Background of the Initiative

**Preliminary exploratory meeting
July 2002, Copenhagen**

**Global Coordinating Board
January 2003, London**

**Coordinating Board meeting
December 2003, Amsterdam**



KIDNEY DISEASE: IMPROVING GLOBAL OUTCOMES



MISSION STATEMENT

Improve the care and outcomes of kidney disease patients worldwide through promoting coordination, collaboration and integration of initiatives to develop and implement clinical practice guidelines



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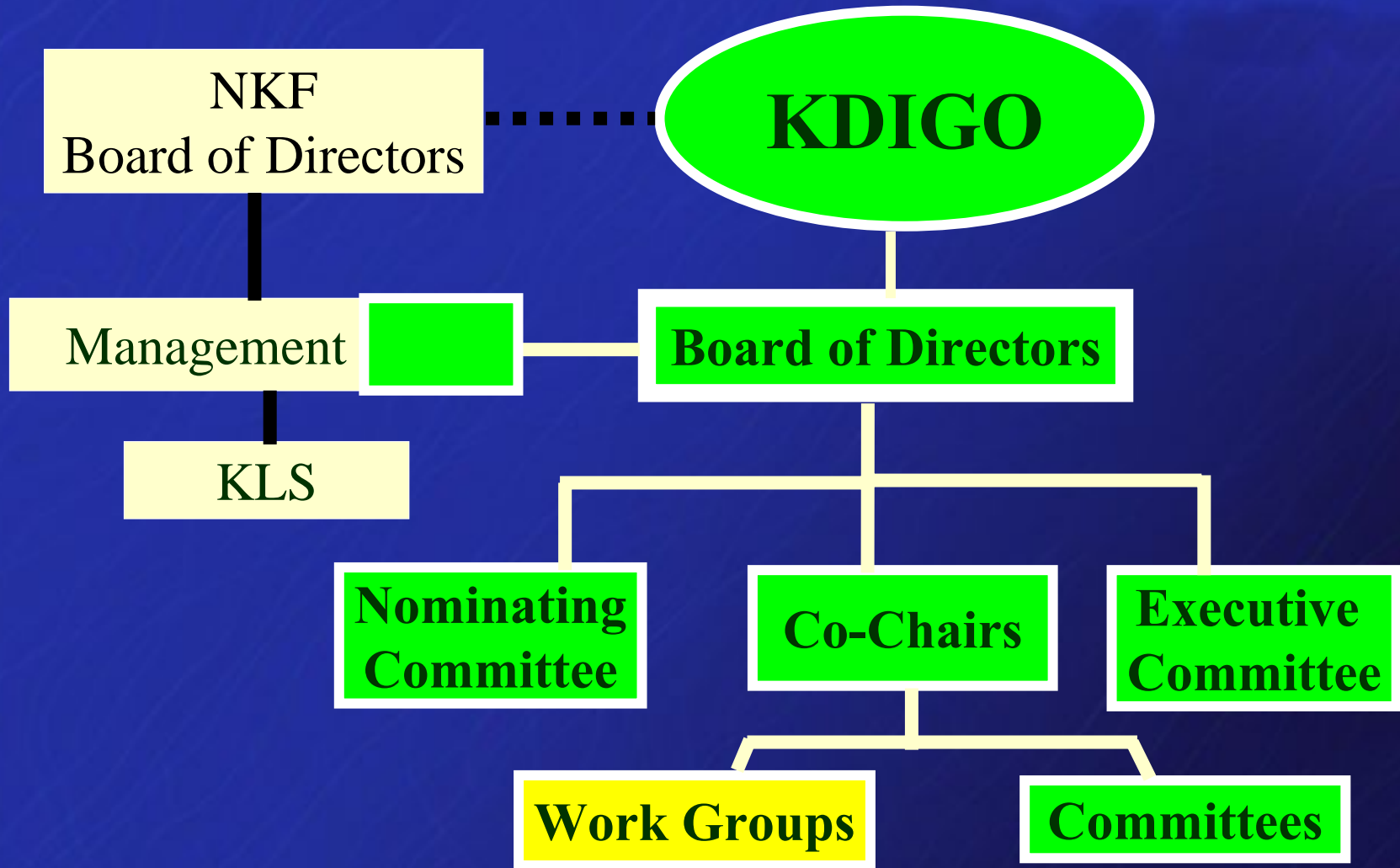
Alison Macleod, *UK*

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Raymond Vanholder, *Belgium*

Rowan Walker, *Australia*

Hyan Wang, *China*



KDIGO - Work Groups 2006

Evidence Rating – Alison MacLeod, *UK*

Katrin Uhlig, *USA*

Database Website – Raymond Vanholder, *Belgium*

Nathan Levin, *USA*

Implementation/ Regions with CPGs – Norbert Lameire, *Belgium*

Francesco Locatelli, *Italy*

Implementation/ Regions without CPGs- Vivek Jha, *Egypt*

E. Burdmann, *Brazil*

CKD-MBD – Sharon Moe, *USA* Tilman Drüeke, *France*

Guideline Development Work Groups

**Grading Evidence and
Recommendations for
Clinical Practice Guidelines.
A Position Statement from
KDIGO**

Kidney Int 2006; 70:

KDIGO Projects for 2004 -...

◆ Core messages: Evidence Rating

◆ **Database/Warehouse:** is on the

Web at: **kdigo.org**

Try it, you will like it.

Raymond Vanholder, *Belgium*

Nathan Levin, *USA*

Guideline Development Work Groups 2006

Hepatitis C -

David Roth, *USA*; Michel Jadoul, *Belgium*

CKD-MBD -

Sharon Moe, *USA* ; Tilman Drüeke *France*

Transplant Recipient -

Bertram Kasiske, *USA* ; Martin Zeier, *Germany*

KDIGO Projects for 2004-...

Controversies Conferences

WHAT DO WE KNOW

(Available Evidence)

WHAT CAN WE DO WITH WHAT WE KNOW

(Recommendations vs. Guidelines)

WHAT DO WE NEED TO KNOW

(Gaps in knowledge, Research questions)

**1st KDIGO
Controversies Conference**

**DEFINITION and
CLASSIFICATION of CKD**

**Co-Chairs: Andrew Levey, *USA*
Kai-Uwe Eckardt, *Germany***

Amsterdam, November 16-17, 2004

**Definition and Classification of
Chronic Kidney Disease.
A Position Statement from
KDIGO**

Kidney Int 67:2089-2100, 2005

www.kdigo.org

**2nd KDIGO
Controversies Conference**

**DEFINITION, EVALUATION
& CLASSIFICATION of ROD**

**Co-Chairs: Sharon Moe, *USA*
Tilman Drüeke, *France***

Madrid, September 15-17, 2005

**Definition, Evaluation, and
Classification of Renal
Osteodystrophy.
A Position Statement from
KDIGO**

Kidney Int 69:1945-1953, 2006

CKD-MBD Projects for 2005 - ...

- ◆ **PTH Assay Standardization**
- ◆ **Clinical Guide**
- ◆ **Controversies Conference:**
Definition, Diagnosis and Classification of
Renal Osteodystrophy
- ◆ **Clinical Practice Guideline**
- ◆ **Bone Biopsy Quality Initiative**

**3rd KDIGO
Controversies Conference**

**Care of the Kidney
Transplant Recipient**

**Co-chairs: F. Delmonico, *USA*
M. Zeier, *Germany***

***Lisbon, Portugal
February 2-4, 2006***

Stage	Description	GFR (ml/min/1.73 m ²)	
1	Kidney damage with normal or ↑ GFR	≥ 90	
2	Kidney damage with mild ↓ GFR	60-89	
3	<u>T</u> for transplant	30-59	
4		Severe ↓ GFR	15-29
5		Kidney failure	< 15 (or dialysis)

**4th KDIGO
Controversies Conference**

**CKD as a Global Health
Problem: Approaches and
Initiatives**

**Co-Chairs: Andrew Levy, Kai-Uwe
Eckardt, Adeera Levin, Allan Collins,
Meguid El-Nahas**

October 12-14, 2006

Estimates of CKD (Stages 3 – 5) Prevalence Worldwide

Stages of CKD. U.S.

	N (1000s)	%
1	5900	3.3
2	5300	3.0
3	7600	4.3
4	400	0.2
5	300	0.2

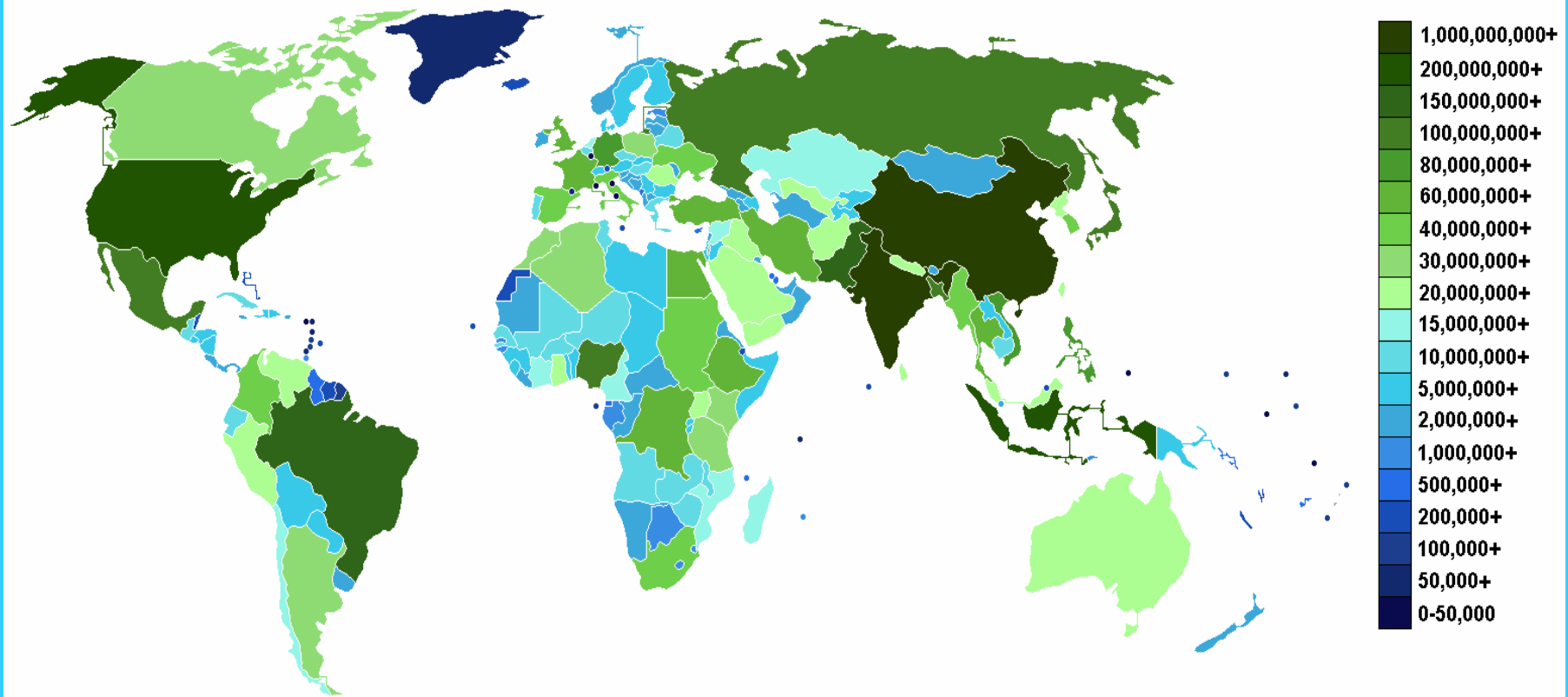
Stages 3-5 of CKD

COUNTRY	%
US	4.7%
UK	4.9%
Netherlands	5.3%
Australia	11.2%
China	2.53%

Guesstimated Average \approx 3 to 5.0 %

CKD as a Worldwide Public Health Problem

Estimated Prevalence of CKD (Stages 3-5) in the World



Population 6.65 Billion
CKD (Stages 3-5): \approx 200 - 333 million

SUMMARY

KDIGO Activities 2004 -2006

- ◆ **Controversies Conferences: CKD**
Classification, ROD, Transplant Recipient, CKD a Global Public Health Problem
- ◆ **Position Statements: Burden of CKD, CKD**
Classification, ROD, Grading of Evidence, Care of the transplant recipient
- ◆ **Clinical Practice Guidelines:**
 - Hepatitis C*
 - CKD-MBD*
 - Transplant Recipient*

Conclusion

The Past - December 2003



The Present - November 2006



The Future? - 2007



**THANK
YOU**