



John Davis

- **John Davis is the Chief Executive Officer of Kidney Disease: Improving Global Outcomes or KDIGO.**
- **John has had more than 30 years experience in the world of medical not-for-profit.**
- **Over his career, John has raised over \$200,000,000 for programs in kidney disease and transplantation; providing CME educational programs to over 45,000 physicians and other professionals; bringing transplant athletics to the US; recognizing donor families and creating the effort to bring evidence based clinical practice guidelines to the field of kidney disease.**



Kidney Disease: Improving Global Outcomes

Global Science
Local Change



Kidney Disease: Improving Global Outcomes

Clinical Practice Conference

Nanjing, China

26 August, 2016

John Davis

KDIGO Chief Executive Officer

The KDIGO Mission

- Improving the care and outcomes of kidney disease patients worldwide through the development and implementation of global clinical practice guidelines.

2016 KDIGO Leadership

KDIGO Co-Chairs:

David Wheeler, *UK*

Wolfgang Winkemayer, *USA*

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Ali Abu-Alfa, *Lebanon*

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Yusuke Tsukamoto, *Japan*

Angela Wang, *Hong Kong*

Christoph Wanner, *Germany*

KDIGO Staff:

John Davis, Chief Exec Officer

Danielle Green, Managing Director

Michael Cheung, Chief Sci Officer

Tanya Green, Comm Director



KDIGO Aims

- To translate scientific advances into useful and practical clinical practice recommendations.
- To make these recommendations available to clinicians around the world.
- To implement recommendations taking into account cultural, economic, language, regulatory and environmental issues.
- To adapt, simplify, prioritize and highlight recommendations to make them usable to clinicians in their everyday clinical practice.

KDIGO Programs

Global Clinical Practice Guidelines

- KDIGO's core business. The development, vetting, dissemination, and implementation are all integral to the KDIGO process.

Controversies Conferences

- Conferences that examine significant topics in nephrology and related disciplines that are not fully resolved. Each results in a published paper. Often a Controversies Conference will prompt development of a guideline.

Implementation Activities

- Clinical Practice Conferences – Usually held in collaboration with a local or regional nephrology society. Global recommendations and local circumstances are compared and discussed in a case presentation format.
- Core Implementation Kits – Educational materials including Speaker's Guides, Reference Tools, and Case Studies to assist with implementation of Conference Reports and Guidelines.

KDIGO Topics for Today

- Mineral and Bone Disorders Guideline Update
 - First presentation on the new guideline, now out for Public Review
 - To be published later this year
 - Brings previous guideline up to date
 - Follows a major Controversies Conference
- Controversies Conference Report on Iron Management
 - Observations from another major conference
 - Will be used in an update of the Anemia Guideline
- Glomerulonephritis Guideline
 - Published in 2012
 - Update process to begin in late 2016
- Controversies Conference on Clinical Trials
 - To be held next month in Paris
 - Includes clinical trials in China
- This Conference is part of KDIGO's priority program to meet and serve the Chinese kidney community. Dr. Liu is a member of the KDIGO Executive and a global leader.

Published KDIGO Guidelines



Hepatitis C April 2008
Mineral Bone Disorder July 2009
Transplant Recipient Oct 2009

Acute Kidney Injury March 2012
Glomerulonephritis June 2012
Anaemia August 2012



Blood Pressure in CKD November 2012
Diagnosis and Management of CKD January 2013
Lipid Management November 2013

Controversies Conferences

- 2016:**
- Gitelman Syndrome
 - Common Elements in Uncommon Kidney Diseases
 - Challenges in the Conduct of Clinical Trials in Nephrology
 - CKD & Arrhythmias
 - Optimal Management of Patients with Advanced CKD
- 2015:**
- Diabetes & CKD
 - Fabry Disease
 - Complement-Mediated Kidney Diseases
 - Gitelman Syndrome
- 2014:**
- ADPKD
 - Iron Management in CKD
 - ADTKD
 - Nephropathic Cystinosis
- 2013:**
- CKD-MBD: Back to the Future
 - Supportive Care
- 2012:**
- Diabetic Kidney Disease
- 2011:**
- Novel Techniques & Innovation in Blood Purification
- 2010:**
- Cardiovascular Disease in CKD
 - Drug Prescribing in CKD: Initiative for Improved Dosing
- 2009:**
- Definition, Classification, and Prognosis in CKD
 - Blood Pressure in CKD - Stage 5D
- 2007:**
- Clinical Practice Guidelines: Methodology and Transparency
 - Coordination of Clinical Practice Guidelines for Anaemia in CKD
- 2006:**
- CKD as a Global Public Health Problem
 - Care of the Transplant Recipient
- 2005:**
- Definition, Evaluation & Classification of Renal Osteodystrophy
- 2004:**
- Definition & Classification of CKD in Adults Worldwide

Other Current KDIGO Activities

- Guidelines
 - Living Kidney Donors
 - Transplant Candidate Selection
 - Hepatitis C Guideline Update
 - Blood Pressure Guideline Update
 - Guideline on Diabetes and CKD
- Controversies Conferences
 - Cardio-Renal Issues
 - CKD & Arrhythmias
 - Heart Failure
 - Advanced CKD
 - HIV Associated Nephropathy

Core Implementation Kits

Core Implementation Kits will accompany all KDIGO publications. These electronically accessible tools enable clinicians across the globe to utilize KDIGO work in a more concise manner and better care for their patients.

Components of Core Implementation Kits include:

- A **Speaker's Guide** based on a guideline or controversies conference publication. These slide sets will provide clinicians a practical step-by-step guide to putting recommendations and conclusions to use.
- A concise **Reference Guide** to accompany a narrative guideline or conference report. These guides can be printed as pocket cards, handouts, or desk guides to aid clinical decision-making.
- A **Clinical Decision Guide** focused on patient cases to help physicians apply evidence synthesis and expert guidance into pathways of care.
- **Translation** of full guidelines and conference reports, and accompanying components, into multiple languages.

KDIGO Comparative Guideline Library

KDIGO collaborated with Cochrane Kidney and Transplant to create a comprehensive **Comparative Guideline Library**. The Library is under development and will allow users to search across guidelines and recommendation statements from the 6 major English-language guideline entities.

The screenshot displays the KDIGO Comparative Guidelines Library interface. The main content area shows a search for "AKI PREVENTION" with filters for "KDIGO", "CSN", and "KHA-CARI". A "March 2012" update is highlighted for "Acceptance and Dialysis". The interface includes a sidebar with "KEYWORD SEARCH", "GUIDELINE TOPICS", and "GRADING FILTERS". A "REFERENCE KEYS" table is overlaid on the right side, providing nomenclature and descriptions for rating guideline recommendations.

GRADE	PATIENTS	CLINICIANS	POLICY
Level 1 We Recommend	Most people in your situation would want the recommended course of action and only a small proportion would not.	Most patients should receive the recommended course of action.	The recommendation can be evaluated as a candidate for developing a policy or performance measure.
Level 2 We Suggest	The majority of people in your situation would want the recommended course of action, but many would not.	Different choices will be appropriate for different patients. Each patient needs to help to arrive at a management decision consistent with her or his values and preferences.	The recommendation is likely to require substantial debate and involvement of stakeholders before policy can be determined.
Ungraded	The additional category "ungraded" was used, typically, to provide guidance based on common sense or where the topic does not allow adequate application of evidence. The most common examples include recommendations regarding monitoring intervals, counseling, and referral to other clinical specialists. The ungraded recommendations are generally written as simple declarative statements, but are not to be interpreted as being stronger recommendations than Level 1 or Level 2 recommendations.		

GRADE	EVIDENCE STRENGTH	MEANING
Grade A	High	We are confident that the true effect lies close to that of the estimate of the effect.
Grade B	Moderate	The true effect is likely to be close to the estimate of the effect, but there is a possibility that it is substantially different.
Grade C	Low	The true effect may be substantially different from the estimate of the effect.
Grade D	Very Low	The estimate of effect is very uncertain, and often will be far from the truth.



KDIGO Clinical Practice Guidelines App



Screenshots from the updated KDIGO app



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