



Progress in Longevity Medicine Seminar Series

Kidney Disease in Type 2 Diabetes: Lessons From the Pima Indians

Robert G. Nelson, MD, PhD
Staff Clinician

*Diabetes Epidemiology and Clinical Research Section
Phoenix Epidemiology and Clinical Research Branch
National Institute of Diabetes and Digestive and Kidney Diseases
National Institutes of Health*

Date/Time: Friday, October 6, 2006; 5:30 pm (hor d'oeuvres included)

Location: Training Room, 2390 E. Camelback Road, Suite 440

Cost: Free

Abstract: Diabetes is the leading cause of kidney failure in developed countries and it is rapidly becoming a major problem in developing countries as well. Most cases of kidney failure, attributable to diabetes, occur in people with type 2 diabetes. Studies on the Pima Indians offer unique insights into the course and determinants of kidney disease in type 2 diabetes because the onset and duration of diabetes are known with greater certainty than in other populations and because nearly all kidney disease is attributable to diabetes.

This presentation will examine the epidemiology and pathophysiology of kidney disease in type 2 diabetes based on studies on the Pima Indians and will explain how these findings have influenced the management strategies for diabetes and chronic kidney disease.

Objectives

- To describe the frequency and determinants of kidney disease in type 2 diabetes
- To describe the hemodynamic changes that occur within the kidneys with the development of diabetes and progression of diabetic kidney disease
- To describe the role of the podocyte in the development and progression of diabetic kidney disease
- To review the KDOQI guidelines for diagnosis and management of diabetes and chronic kidney disease

--More--

Biography: Dr. Nelson is an international expert on diabetes. He has published over 140 works, has been a scientific reviewer for over 20 different journals, and has spoken to over 100 groups on the various aspects of diabetes. His research interests include the complications of type 2 diabetes with a primary research focus on diabetic nephropathy.

Dr. Nelson has been appointed to the Editorial Board of the *American Journal of Kidney Diseases* for 2007 to 2009. He is currently on the NIDDK/NIAMS Institutional Review Board and is also on the Protocol Committee for Family Investigation of Nephropathy and Diabetes.

Dr. Nelson received his medical degree and residency training in Internal Medicine and in Public Health and General Preventive Medicine at Loma Linda University in California and received his MPH at Harvard School of Public Health and a PhD in epidemiology at the University of California, Los Angeles.

To RSVP or for additional information, please contact Diana Vuong at (602) 778-7492 or via email at Diana.Vuong@kronosinstitute.org.

"This program is accredited by the Accreditation Council for Continuing Medical Education and designates this educational activity for 1 hour in Category 1 credit toward the AMA Physician's Recognition award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity."

"The University of Arizona College of Medicine at the Arizona Health Sciences Center designates this educational activity for a maximum of 1.0 AMA/PRA Category 1 Credit(s)TM. Physicians should only claim credit commensurate with the extent of their participation in the activity."

CME Credit is available through University of Arizona, College of Medicine to attendees

Sponsored by the University of Arizona College of Medicine at the Arizona Health Sciences Center