

William Clarke, MD

Dr William Clarke is the Robert M Blizzard Professor of Pediatric Endocrinology and Chief of the Pediatric Endocrine Division at the University of Virginia in Charlottesville, VA USA.

His research career has been devoted to the development and testing of methods to improve glucose control in persons with Type 1 Diabetes.

Dr Clarke was one of the discoverer's of the "Dawn Phenomena" which is responsible for the early morning increase in insulin requirements in Type 1 diabetes.

He and his co-workers were the first to develop "Error Grid Analysis" which is a method for quantifying the "clinical" rather than statistical accuracy of methods for measuring blood glucose in diabetes.

He has been involved in the new area of closed loop "Artificial Pancreas" control of blood glucose which will hopefully replace insulin injections.

Dr Clarke has published over 150 articles in scientific journals and has been recognized by the American Diabetes Association for his "Outstanding Contributions to Diabetes in Youth".