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TSN: Integrative Diabetes and Kidney Care – Taiwan Experience

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In Taiwan, diabetes and chronic kidney disease (CKD) pose significant public health challenges. As of 2020, approximately 2.6 million individuals sought treatment for diabetes, including about 180,000 new cases annually. The annual incidence rate is approximately 0.9%, with the prevalence rate reaching a new high of 11.2%. In addition to diabetes, about 11.9% of the adult population is in a certain stage of CKD. This co-morbidity is particularly concerning, as around 47% of chronic dialysis cases are due to poorly controlled diabetes, and about one-third of the diabetic population develops CKD. To combat these issues, the Taiwanese government has implemented several pay-for-performance (P4P) programs, including the DM P4P program since 2001, the pre-ESRD program since 2007, and the early-CKD program since 2011. These programs aim to provide high-quality care for diabetes and CKD patients and have been successful according to published studies. However, recognizing the frequent co-occurrence of these diseases, the government is now working to integrate the diabetes and CKD P4P programs to enhance care efficiency and affordability. This presentation will delve into the epidemiological trends of diabetes and CKD in Taiwan over the past decade, highlighting the achievements of the P4P programs. It will also address the challenges of managing chronic diseases in Taiwan, especially in the context of an aging population. By examining these trends and program outcomes, we hope to foster discussions on strategies for improving care quality and tackling the public health challenges posed by diabetes and CKD in Taiwan's super-aged society.

