

RENALYTIX AI

US CPT® Code Granted for KidneyIntelX™

July 1, 2019

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CPT Code a key component for reimbursement from private medical insurance and Medicare

Renalytix AI plc (AIM: RENX), a developer of artificial intelligence-enabled clinical diagnostics for kidney disease, announces that the American Medical Association (AMA) has granted a [CPT® Proprietary Laboratory Analyses \(PLA\)](#) Code for its lead product, *KidneyIntelX*™. The new code, 0105U, has been approved and published by the AMA CPT Editorial Panel, and is scheduled to become effective on 1 October 2019.

A payment rate for the new code will be established for Medicare patients through the 2019 Clinical Lab Fee Schedule (CLFS) Annual Public Meeting process. RenalytixAI will shortly provide comments and a recommendation on the appropriate basis for establishing a national Medicare price for this new CPT code expected to be effective 1 January 2020.

Michael J. Donovan, PhD, MD, Chief Medical Officer, RenalytixAI, said: *“This is an important step as we prepare for KidneyIntelX’s scaled roll-out in the United States. A CPT Code is instrumental in obtaining insurance coverage and reimbursement, and will increase access to KidneyIntelX testing results for patients with chronic kidney disease.”*

The CPT terminology is the most widely accepted medical nomenclature used across the US to report medical, surgical, radiology, laboratory, anaesthesiology, genomic sequencing, evaluation and management services under public and private health insurance programmes. Recently added to the CPT Code set, PLA Codes are alpha-numeric CPT codes with a corresponding descriptor for labs or manufacturers that want to identify their test more specifically.

KidneyIntelX is designed to improve identification and clinical management of patients with Type 2 diabetes with fast-progressing kidney disease in an effort to curtail the estimated \$114 billion annual cost¹ of chronic and end-stage kidney disease to the United States healthcare system. *KidneyIntelX* uses machine learning algorithms to assess a combination of predictive blood-based biomarkers, including sTNFR1, sTNFR2 and KIM1, and features from a patient’s electronic health record.

In a recent published study 1 April 2019, and publicly announced by RenalytixAI on the same date, algorithms used at the core of *KidneyIntelX* significantly increased the ability to positively predict which patients went on to experience rapid kidney function decline (RKFD). For this group of patients experiencing RKFD and at significant risk of progressing to end-stage kidney disease and dialysis, there are several clinical management strategies and proven therapeutic options available. One of the greatest drivers of health care cost today is RKFD patients who are not diagnosed in time and face unplanned kidney failure through emergency room ‘crash’ dialysis.

Notes

¹ United States Renal Data System – <https://www.usrds.org/adrhighlights.aspx>

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About Kidney Disease

Kidney disease is now recognized as a public health epidemic affecting over 850 million people globally. In the United States alone, over 40 million

people are classified as having chronic kidney disease, with nearly 50 percent of individuals with advanced (Stage IV) disease unaware of the severity of their reduced kidney function. As a result, many patients progress to kidney failure in an unplanned manner, ending up having dialysis in the emergency room without ever seeing a clinical specialist, such as a nephrologist. Every day 13 patients die in the United States while waiting for a kidney transplant.

About RenalytixAI

RenalytixAI is a developer of artificial intelligence-enabled clinical diagnostic solutions for kidney disease, one of the most common and costly chronic medical conditions globally. The Company's solutions are being designed to make significant improvements in kidney disease diagnosis and prognosis, clinical care, patient stratification for drug clinical trials, and drug target discovery. For more information, visit renalytixai.com.