

RENALYTIX AI

Presentation of KidneyIntelX™ Health Economics Data

March 27, 2020

Renalytix AI plc (LSE: RENX), the AIM-traded developer of clinical grade artificial intelligence *in vitro* diagnostics for kidney disease, announces *that further to RNS Reach 2937H on 24 March 2020*, Boston Healthcare Associates has presented data on *KidneyIntelX™*, the Company's AI-enabled *in vitro* diagnostic test for kidney disease, and the clinical and health economic benefit from deploying the test in large health systems in the United States during National Kidney Foundation's Spring Clinical Meeting.

A poster summarizing the data presented by Boston Healthcare is now available through the conference website and at <https://renalytixai.com/investors/utility-and-impact-of-kidneyintelx>.

It is estimated that there are 12 million individuals with diabetic kidney disease (DKD) in the United States alone. The economic impact model estimates that *KidneyIntelX™* testing of 100,000 individuals with DKD, with the assumption of a 20% relative decrease in DKD progression for the 16% of DKD individuals scored as "high-risk" by *KidneyIntelX™* patients, could deliver cumulative savings of more \$1 billion over a five-year period. The presentation was delivered by Thomas Goss, PharmD, Senior Vice President, Boston Healthcare Associates.

During the presentation, Dr. Goss described the population health benefits that can be realized with system-wide adoption of *KidneyIntelX™*. These include delaying progression to more advanced stages of DKD, reducing hospitalizations, and avoiding unplanned emergency room crashes onto dialysis, and delaying or preventing end stage kidney disease, and related dialysis and kidney transplant procedures. These outcomes will not only lead to a significant improvement in quality of life for diabetic kidney disease patients, they also can drive significant cost benefit for health providers and insurers. The model developed by Boston Healthcare demonstrates that a health insurer will realize net savings in less than two years, assuming a one-time use of the test. Based on 100,000 patients tested, annual savings increase each year and peak at \$685 million in year five. This combination of significantly improved patient outcomes, optimal utilization of healthcare resources, and savings for health insurers is expected to lead to an increase in coverage determinations for *KidneyIntelX™* from private insurers in the United States in both 2020 and 2021.

NKF's Spring Clinical Meeting gathers more than 3,000 nephrology healthcare professionals from across the United States to learn about the newest developments related to all aspects of nephrology practice. Due to the coronavirus and coronavirus disease (COVID-19) outbreak in the United States the meeting is being held as a live virtual event in 2020. Sessions can be accessed through the conference website. For information about the NKF's virtual conference event, visit <https://www.kidney.org/spring-clinical>.

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About Kidney Disease

Kidney disease is now recognised as a public health epidemic affecting over 850 million people globally. The Centers for Disease Control estimates there that 15% of United States adults or 37 million people currently have kidney disease. It is reported that 9 out of 10 adults with chronic kidney disease do not know they have it and 1 out of 2 people with very low kidney function who are not on dialysis do not know they have CKD*. Kidney disease is referred to as a "silent killer" because it often has no symptoms and can go undetected until a very advanced stage. Each year kidney disease kills more people than breast and prostate cancer. Every day 13 patients die in the United States while waiting for a kidney transplant.

*<https://www.cdc.gov/kidneydisease/publications-resources/2019-national-facts.html>

About RenalytixAI

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