



## Executive summary of Joint Working Outputs

Published on [Working with the NHS \(astrazeneca.co.uk\)](https://astrazeneca.co.uk)

<b>Project title</b>	Cardio-Metabolic-Renal Virtual Medicine Optimisation Clinic
<b>Duration</b>	July 2021 to July 2023
<b>Project partners</b>	Chelsea and Westminster Hospital NHS Foundation Trust and AstraZeneca UK Ltd
<b>What was the issue to be addressed?</b>	<p>The aim and objectives of this project were:</p> <ul style="list-style-type: none"> <li>• To improve short and long term outcomes for people living with Type 2 Diabetes and Established Cardiovascular Disease or Heart Failure; Type 2 Diabetes and risk factors for developing Cardiovascular Disease, Heart Failure or Chronic Kidney Disease; Heart Failure patients with risk factors of developing Type 2 Diabetes</li> <li>• To set up a virtual Cardiac-Metabolic-Renal consultant-led outpatient medicines optimization clinic, supported by a multidisciplinary team.</li> <li>• Monitor improvement in short term diagnostic indicators and longer term patient outcomes for patients seen by the service.</li> <li>• To improve pathways across primary and secondary care for the management of patients with diabetes.</li> <li>• To improve patient engagement and experience.</li> </ul>
<b>What were the results?</b>	<p>The Cardio-Metabolic-Renal Virtual Medicine Optimisation Clinic was successfully launched at West Middlesex Hospital, offering targeted and collaborative care for multimorbid patients in a virtual setting, with the expertise of a Cardiologist, Diabetologist, and an extended Multidisciplinary Team. Early metrics showcased improved patient biomarkers and improved medication optimisation, in-line with national guidelines. There was a significant rise in patients receiving integrated care that spanned across cardiology, endocrinology, and nephrology. The virtual model of this clinic not only complemented the global transition towards digital healthcare but also became instrumental in ensuring uninterrupted patient care during the constraints of the COVID-19 pandemic. Wider impact on patient outcomes and hospital admissions continues to be closely monitored.</p>