

HIPS/17/26 – Developing a Scottish Type 2 Diabetes Policy Model and a web-based decision aid “dashboard”

Approximately 1 in 20 people in Scotland have diabetes: a major cause of blindness, kidney failure, heart attacks, stroke and lower limb amputation. As in many other countries, the numbers of people with type 2 diabetes is rapidly increasing. This will lead to an increase in diabetes-related complications, affecting patients' length and quality of life. This research will exploit Scotland's excellent administrative and clinical databases to develop a diabetes policy model to help decision making about how to spend money in the health service. It is very important to understand the implications of new diabetes treatments on long-term health outcomes and costs. Our model will inform how best to use limited resources to achieve the best population health gains. The development of a web-based “dashboard” will enable policymakers to interact with the model easily and in a timely manner to help their decision-making. We will also pilot the use of this tool for use by clinicians and patients.