

Project Name	Requested Organisation	Project Description	Project Type	Target Disease / Area of Study	DAC Decision Date
Hormone Replacement Therapy (HRT) Prescribing	University of Manchester	There has been a dramatic increase in Hormone Replacement Therapy (HRT) prescribing. This may be the result of celebrity influencers such as Davina McCall. The surge in demand has led to supply issues and women having to switch to alternative HRT preparations. This can cause bleeding which is a risk factor for Endometrial cancer. Women presenting with this symptom may end up with an unnecessary referral to Secondary care and the cancer pathway. The project team also want to explore differences (according to ethnicity, socio-economic status, disability etc.) in access and perception of menopause and HRT in different communities.	Academic; Research - Retrospective Study	Hormone Replacement Therapy	Aug-24
Optimising Lung Cancer Screenings	University of Manchester	Lung cancer is the UK's leading cause of cancer death. Screening can save lives by finding lung cancer early. However, people at risk of lung cancer are also at risk of dying from other diseases. Understanding who benefits most from screening and whether people with multiple diseases benefit is important.	Academic; Research - Retrospective Study	Lung Cancer	Jul-24
Pre-emptive Pharmacogenetics Testing	University of Manchester	Not everyone responds the same way to medicines. Some people develop side effects, some don't respond at all, whereas others might respond well. There are lots of reasons for this variability, but one factor could be related to an individual's genetics; a concept known as pharmacogenetics.  Manchester is an international leader for pharmacogenetics research. Two major trials are taking place at the moment: 1) to understand how pharmacogenetics might be used in Hospitals and 2) to develop a pharmacogenetic testing service in primary care.	Academic; Research - Prospective Study	Medicines Side Effects	Jun-24

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Redesigning the Liver Care Pathways	University of Manchester	<p>ADA LIVER is a project within the Innovate UK funded Greater Manchester Advanced Diagnostics Accelerator The project commenced in April 2023 for two years and aims to help patients with liver disease receive earlier, more accurate, and potentially life-saving diagnoses that will enable the more effective use of health care resources.</p> <p>Access to linked primary care and secondary care datasets will allow ADA LIVER to gain insight into the needs of the Greater Manchester population, as well as sub-populations within it. These datasets will allow Sollis Health Innovation Manchester and The University of Manchester (UoM) to identify which populations in Greater Manchester are at higher risk of chronic liver disease and determine resource use (and costs) of the diagnosis and management of liver disease.</p>	Academic; Risk Stratification / Service Redesign	Liver Disease	Jun-24
People Living with Dementia	University of Manchester	There are recommendations for the ongoing care of people diagnosed with dementia. These include an annual review, regular medication reviews and care planning; these should be completed in community settings such as a GP surgery. To date there has been very little research exploring how accessible these services are for people from different socio-economic backgrounds. This research aims to bridge this gap.	Academic; Research - Retrospective Study	Dementia	Jun-24
Optimising Diabetes and Cardiovascular Care Pathways in Greater Manchester (ODIN-GM Phase 2)	Boehringer Ingelheim	The project will look at how patients being treated for diabetic and cardiometabolic diseases (such as heart disease, circulatory diseases, fatty liver etc) are moving between services, the waiting times and if patients are receiving treatment in line with national clinical guidance.	Commercial; Population segmentation and cohort identification / Population health and care profiles / Reducing unwarranted variation in outcomes / Service redesign	Diabetic and cardiometabolic diseases	Jun-24
Long Term Opioid Utilisation	University of Manchester	Increased opioid prescriptions in patients with chronic pain raises concerns about potential overdoses, misuse, and deaths. Research shows Manchester has the highest usage of opioids in England's cities making it a significant concern.	Academic; Research - Retrospective Study	Opioid Addiction	Jun-24

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Health Economic Analysis of the ADAPT pathway across Greater Manchester Healthcare System	The Christie NHS Foundation Trust	ADAPT is a care pathway for Christie patients which aims to better manage the late treatment toxicities and long-term health risks associated with chemotherapy/radiotherapy in patients cured of lymphoma in a primary care setting. ADAPT aims to reduce the number of patients receiving inappropriate hospital based follow up whilst empowering patients and informing GPs to pro-actively co-manage the risks.	Academic; Service monitoring and evaluation	Cancer Pathways	Jun-24
Virtual Wards	University of Manchester	Virtual wards (or hospital at home) allow patients to get the care they need at home safely and conveniently, rather than being in hospital.	Academic; Research - Retrospective Study	Hospital-at-home care	Jun-24
Systemic Lupus Erythematosus (SLE)	University of Manchester	Lupus is a chronic autoimmune disease that frequently affects younger women in their childbearing years. It affects 100 per 100,000 people and people from non-white backgrounds tend to experience more severe disease. Other studies have not taken this into account. Lupus can lead to other long-term conditions such as kidney/heart problems/complications in pregnancy. The project team want to explore infections, vaccine uptake and pregnancy outcomes and explore rates of kidney and heart disease.	Academic; Research - Retrospective Study	Lupus	May-24
Detecting EARLY Heart Failure	Manchester University NHS Foundation Trust	Heart failure is a growing public health problem in the North West, with the highest rate of heart failure in the country. It is often diagnosed too late with 80% of patients only diagnosed after their first heart failure. This project wants to use a “risk calculator” to identify those at risk.	Academic; Research - Prospective Study	Heart Failure	

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Analysis of health and care funding distribution within Greater Manchester	NHS Greater Manchester	This project will draw on expertise of Health Economists within the University of Manchester to analyse a linked dataset to quantify the distribution and citizen/patient utilisation of current resource use; estimate related measures of need; and compare current resource use against need. The results of the analysis will inform our understanding of health inequality and identify gaps in service provision or allocation against need that can underpin the strategic objectives of NHS GM's commissioning intentions and sustainability plan.	Population segmentation and cohort identification; Population health and care profiles; Health Equity Audits; Reducing unwarranted variation in outcomes; Strategic Planning; Capacity and demand planning; Gap analysis	Population Health	