

HIPS/19/21 - Interactions between cancer and stroke: A national electronic data linkage study

Both stroke and cancer are common and can have a devastating impact on a person's life and family. This is much worse if they have both conditions together, raising difficult questions about best treatment and most likely outcome. There is a lack of research investigating the impact of stroke and cancer for people suffering with both but it is a very important area which needs to be researched further. National datasets on cancer, stroke, hospital admissions, economic and social status, medication prescribing, health board performance targets, and death will be linked to create the first extensive and novel research database of patients with both cancer and stroke. We will research: the risk of stroke in cancer patients, the risk of cancer in stroke patients, the effect of a cancer diagnosis on stroke treatment and outcome, and the effect of a stroke diagnosis on how cancer is managed and treated. This project will allow us to recommend personalised treatment and medication plans, based on real life data, for patients suffering from both diseases. This will lead to better informed decisions, improved patient management and a reduced burden on the National Health Service.