

**CGA/18/16 – Diagnostic accuracy study of a MALDI-MS biomarker of acute kidney injury after femoral fracture surgery.**

One fifth of the 70,000 UK patients that break their hip annually suffer a loss of kidney function (AKI). AKI can lead to a longer hospital stay, dialysis, and even death. Routine tests detect kidney injury at a *late* stage when treatment is ineffective. We plan to perform a multicentre clinical evaluation of a new test that identifies AKI *early* with the aim of reducing the severity and harm of AKI after hip fracture. We are applying for CSO funding for pilot work and a patient involvement event.