M.1.3 Rationale for research recommendation

Importance to 'patients' or the population	Cystatin C based equations have the potential to be used to rule-out CKD. However, there is currently insufficient evidence to recommend the use of cystatin C equations.
Relevance to NICE guidance	The research may inform future updates of key recommendations in the guidance.
Relevance to the NHS	The outcome would affect the type of equations used to estimate GFR to be used to rule-out CKD and avoid costly and time-consuming further tests.
National priorities	Moderate
Current evidence base	Low quality evidence (the committee agreed that because of the lack of high-quality evidence they could not make positive recommendations for the use of cystatin C equations to estimate GFR).
Equality considerations	The equations are known to work differently in people of different ethnicities. This difference is most established in people of Chinese descent compared to white Europeans. It is important that the effect of ethnicity on diagnostic accuracy is studied. It is unclear whether the diagnostic accuracy of eGFR equations differs between age groups however this possibility should also be explored.