

Evidence gap identifier	SCS 5
Brief title	Percutaneous coronary intervention volume-outcomes
Report	<u>Evidence Review of Specialist Cardiac Services</u>
Date identified	13/03/2019
Identified by	CICER
Supported by	Scoping review
Population	Adults undergoing percutaneous coronary intervention (PCI)
Intervention	Interest: Annual percutaneous coronary intervention procedural volume
Comparator	Lower volumes
Outcome(s)	Mortality, complications, post-procedure quality of life, healthcare utilisation
Setting	Specialist cardiac services
Study design	Observational studies
Further information	Further percutaneous coronary intervention (PCI) volume-outcome studies, specifically examining the relationship between the volume of primary PCI procedures at the operator level and patient and healthcare utilisation outcomes; with a focus on complex PCI procedures (such as left main PCI (LMPCI)); effects in defined subpopulations (such as older/younger people); and or longer-term outcomes are needed.