APPENDIX 1: DATA EXTRACTION FORM FOR DIAGNOSTIC ACCURACY AND CLINICAL UTILITY REVIEW

Reviewer		
RefID		
Author, date		
Country of origin		
Study characteristics		
Study setting		
Study design		
Study duration		
Inclusion/exclusion criteria		
Type of POC assay (cTnT, cTnI, hand-held, desktop); Manufacturer AMI criteria; Test protocol		
Type of central lab assay (cTnT, cTnI, high sensitivity-cTnT, high sensitivity-cTnI); Manufacturer; AMI criteria; Test protocol		
Description of central lab (e.g., on-site or off-site, distance from patient, etc.)		
Health care personnel conducting POC tests		
Conflict of interests (yes, no, none declared, not mentioned)		
Funding status		
Other (other lab diagnostic work up…)		
Patient characteristics		
	Intervention: • POC Testing	**Comparators:** • Central lab testing for emergency department setting • Standard care for settings where central lab is not available
Number enrolled Number completing study		
Age, sex		
Symptoms and comorbidities		
Time from symptom onset to testing ("pre-analytic time")		

Other		
Outcomes		
Diagnostic accuracy		
Sensitivity **Specificity** **PPV** **NPV**		
Clinical utility		
	Intervention: • POC Testing	**Comparators:** • Central lab testing (for emergency department setting) • Standard care for settings (where central lab is not available)
Benefits and risks: • **turnaround time** • **time from testing to clinical decision-making (“turnaround time”)** • **time to discharge** • **adverse events** • **mortality rate** • **repeat ED visit** • **others**		
Evidence-based guidelines recommendations **Behaviour/treatment patterns of physicians** **Availability** **Acceptability** **Interest** **Ethical, legal, social implications** **Other**		
Notes		

AMI = acute myocardial infarction; cTnI = cardiac troponin I; cTnT = cardiac troponin T; ED = emergency department; NPV = negative predictive value; POC = point-of-care; PPV = positive predictive value.