

Supplemental Table 1: Data extraction field definitions.

Field Group	Field	Field Definition
General Article Information	PMID	PubMed Identifier
	Title	Article title
	Year	Year of publication
	Article Type	Type of article, as classified by the publishing journal
	Article Primary Focus/Objective	Description of article's objective
	Decision/Workflow Supported	Description of the clinical decision or workflow supported by the technology described
	Country of Implementation	Country or countries where technology is being built or implemented
	EHR(s) Targeted	EHR(s) in which technology was tested or deployed
	Clinical Setting	Whether technology developed is intended for inpatient, outpatient or both settings
	Clinical Domain	Clinical domain or specialty in which technology is intended to be used
Standards Used	Provider or Patient Facing	Whether the technology is intended to be used by providers, patients, or both
	Design Stage	Whether technology is in design phase, piloting phase, or deployed
	FHIR	Presence or absence of FHIR
	SMART	Presence or absence of SMART
CDS Elements	CQL	Presence or absence of CQL
	CDS Hooks	Presence or absence of CDS Hooks
	Alerts/Notifications	Presence or absence of alerts or notifications in a CDS
	Relevant Information Display	Presence or absence of relevant information display in a CDS
	Order facilitators	Presence or absence of order facilitators in a CDS
	Reference Information/Guidance	Presence or absence of reference information or guidance in a CDS
	Workflow/Protocol Pathway Support	Presence or absence of workflow or protocol pathway support in a CDS
Document Forms/Templates	Presence or absence of document forms or templates in a CDS	

Evaluation	Usability Evaluation	Whether user satisfaction with the technology was evaluated
	Effectiveness Evaluation	Whether the impact of the technology in a clinical setting was evaluated
	Study Design	Type of study or studies used to evaluate the technology
PICO [For Evaluations Only]	Problem	Problem focus of proposed or developed technology
	Intervention	Type of technology
	Comparison	Study comparison or control
	Outcomes	Outcomes measured in evaluation of technology