	PubMed (Searched 31 <sup>th</sup> December 2022)	
Search	Query	Items
# 1	("Nursing Homes" [Mesh] OR "Nursing home*" [Title/Abstract] OR "Homes for the Aged" [Mesh] OR "Geriatric Home*" [Title/Abstract] OR "Old age home*" [Title/Abstract] OR "Home, old age" [Title/Abstract] OR "Homes, old age" [Title/Abstract] OR "Old people home*" [Title/Abstract] OR "Old people's home*" [Title/Abstract] OR "Long-Term Care" [Mesh] OR "Long-Term Care" [Title/Abstract] OR "Long term facilit*" [Title/Abstract] OR "Long term facilit*" [Title/Abstract] OR "Skilled Nursing Facilities" [Mesh] OR "Skilled Nursing Facilities" [Mesh] OR "Residential facilities" [Title/Abstract] OR "Care home*" [Title/Abstract] OR "Residential home*" [Title/Abstract] OR "Residential home*" [Title/Abstract] OR "Residential home*" [Title/Abstract] OR "Care facilit*" [Title/Abstract] OR "Institutional care*" [Title/Abstract] OR "Care facilit*" [Title/Abstract] OR "Continuing care*" [Title/Abstract] OR "Subacute Care" [Mesh] OR "Sub-acute care" [Title/Abstract] OR	190,129
	"Medical home*" [Title/Abstract] OR "Medical care" [Title/Abstract] OR "Extended care	
	facilit*" [Title/Abstract] OR "Assisted Living Facilities" [Mesh] OR "Assisted living	
	facility*" [Title/abstract] OR "Assisted living" [Title/Abstract] OR "Skilled care" [Title/Abstract] OR "Restorative care" [Title/Abstract] OR "Retirement center"	
	[Title/Abstract] OR "Retirement centre" [Title/Abstract] OR "Retirement home"	
	[Title/Abstract] OR "Senior residence facilit*" [Title/Abstract])	
#2	("Quality Improvement" [Mesh] OR "Quality improvement" [Title/Abstract] OR	2,915,751
	"Improvement Quality" [Title/Abstract] OR "Organizational Innovation" [Mesh] OR	
	"Organizational innovation" [Title/Abstract] OR "Organisational innovation"	
	[Title/Abstract] OR "Quality Assurance, Health Care" [Mesh] OR "Health Care Quality	
	Assurance" [Title/Abstract] OR "Quality assurance, health care" [Title/Abstract] OR "Program Evaluation" [Mesh] OR "Program Evaluation*" [Title/Abstract] OR "Program	
	effectiveness" [Title/Abstract] OR "Healthcare Quality Assurance" [Title/Abstract] OR	
	"Management Quality Circles" [Mesh] OR "Management Quality Circles" [Title/abstract]	
	OR "Total Quality Management" [Mesh] OR "Quality Management" [Title/Abstract] OR	
	"Management, Total Quality" [Title/Abstract] OR "Total Quality Management"	
	[Title/Abstract] OR "Clinical Governance" [Mesh] OR "Outcome Assessment, Health	
	Care"[Majr] OR "Healthcare outcome assessment" [Title/Abstract] OR "Health Care	
	outcome assessment" [Title/Abstract] OR "Process Assessment, Health Care" [Majr] OR "Process assessment, health care" [Title/Abstract] OR "Outcome measure" [Title/Abstract]	
	OR "Outcome assessment" [Title/Abstract] OR "Health Care Process Assessment"	
	[Title/Abstract] OR "Healthcare Process Assessment" [Title/Abstract] OR TQM	
	[Title/Abstract] OR "Plan Do Study Act" [Title/Abstract] OR PDSA [Title/Abstract] OR	
	"Plan Do Check Act" [Title/Abstract] OR PDCA [Title/Abstract] OR "Six Sigma"	
	[Title/Abstract] OR Lean [Title/Abstract] OR DMAIC [Title/Abstract] OR DMADV	
	[Title/Abstract] OR "Continuous Quality Improvement" [Title/Abstract] OR CQI	
	[Title/Abstract] OR "Focus Analyse Develop Execute" [Title/Abstract] OR FADE [Title/Abstract] OR "Collaborative Quality Improvement*" [Title/Abstract] OR "Quality	
	Improvement Collaborative*" [Title/Abstract] OR "Performance Improvement*"	
	[Title/Abstract] or "Collaborative Improvement" [Title/Abstract] OR "Implementation	
	Science" [Mesh] OR "Implement*" [Title/Abstract] OR ADOPT* [Title/Abstract]	
	OR feedback [Title/Abstract] or "professional development" [Title/Abstract] or	
	network* [Title/Abstract] or leadership [Title/Abstract] or opinion leader*	
	[Title/Abstract] or "consensus process*" [Title/Abstract] or "change manage*"	
	[Title/Abstract] or train* [Title/Abstract] or audit* [Title/Abstract] OR "root cause	
	analysis" [Title/Abstract] OR "Diffusion of Innovation" [Mesh])	
#3	("Emergency Service, Hospital" [Mesh] OR "Hospital Emergency Service*" [Title/Abstract] OR "Emergency Hospital Service*" [Title/Abstract] OR "Emergency unit*" [Title/Abstract] OR "Unit Emergency" [Title/Abstract] OR "Unit Emergency" [Title/Abstract] OR "Emergency Ward*" [Title/Abstract] OR "Ward Emergency" [Title/Abstract] OR "Wards"	1,032,253
	Emergency" [Title/Abstract] OR "Emergency Department*" [Title/Abstract] OR "Room	
	Emergency" [Title/Abstract] OR "Emergency Room*" [Title/Abstract] OR "Emergency	
	Outpatient Unit*" [Title/Abstract] OR "Department Emergency" [Title/Abstract] OR "Departments Emergency" [Title/Abstract] OR "Outpatient Unit Emergency"	
	"Departments Emergency" [Title/Abstract] OR "Outpatient Unit Emergency" [Title/Abstract] OR "Outpatient Units Emergency" [Title/Abstract] OR "Patient Admission"	
	[The Assured OK Suparent Sints Emergency [The Assured OK Fatient Admission	l

	[Mesh] OR Admission* [Title/Abstract] OR "Hospitalization" [Mesh] OR Hospitali*	
	[Title/Abstract] OR "Hospital Transfer*" [Title/Abstract] OR "Hospital Admittance"	
	[Title/Abstract] OR "Hospital Stay" [Title/Abstract] OR "Patient Readmission" [Mesh] OR	
	Readmission* [Title/abstract] OR "Patient Transfer" [Mesh] OR "Emergency	
	Treatment" [Mesh] OR "Acute care" [Title/Abstract] OR "Emergency care" [Title/Abstract]	
	OR "Critical care" [Title/Abstract] OR "Acute service*" [Title/Abstract] OR "Emergency	
	service*" [Title/Abstract] OR "Critical service*" [Title/Abstract] OR "Transitional	
	Care"[Mesh] OR "Transitional care" [Title/Abstract]	
#4	#1 AND #2 AND #3 AND (2000:2022[pdat])	8,058

	Complete (Searched 31th December 2022)	Itama
Search #1	Query ((MH "Nursing Home Patients") OR (MH "Home Nursing") OR (MH "Nursing Homes")	Items
#1	OR (MH "Residential Care") OR (MH "Housing for the Elderly") OR (MH "Long Term Care") OR (MH "Skilled Nursing Facilities") OR (MH "Residential Facilities") OR TI ("Nursing home*" OR "Geriatric home*" OR "Care home*" OR "care facilit*" OR "skilled nursing facilit*" OR "residential facilit*" OR "home* for aged" OR "long-term care*" OR "long term care*" OR "residential home*" OR "assisted living facilit*" OR "institutional care" OR "retirement home*" OR "retirement centre" OR "retirement center" OR "old people home" OR "old people homes" OR "continuing care" OR "Medical home*" OR "Medical care" OR "senior residence facility*") OR AB ("Nursing home*" OR "Geriatric home*" OR "Care home*" OR "care facilit*" OR "skilled nursing facilit*" OR "residential facilit*" OR "home* for aged" OR "long-term care*" OR "long term care*" OR "residential home*" OR "assisted living facilit*" OR "institutional care" OR "retirement home*" OR "retirement centre" OR "old people homes" OR "continuing care" OR "Medical home*" OR "Medical care" OR "senior residence	128,129
#2	facility*"))  ((MH "Quality Improvement+") OR (MH "Evaluation and Quality Improvement Program")  OR (MH "Quality Management, Organizational") OR (MH "Quality Assurance") OR (MH "Quality Circles") OR (MH "Clinical Governance") OR (MH "Program Evaluation") OR (MH "Outcome Assessment") OR (MH "Process Assessment (Health Care)") OR TI ("Quality improvement*" OR "Improvement quality" OR "Health care quality assurance" OR "Quality assurance" OR "Organizational innovation" OR "Outcome assessment" OR "Process assessment" OR "program evaluation" OR "Program effectiveness" OR "Quality management" OR "Management, total quality" OR "Clinical Governance" OR "Outcome measure" OR "Health Care Process Assessment" OR "Healthcare Process Assessment" OR TQM OR "Plan Do Study Act" OR PDSA OR "Plan Do Check Act" OR PDCA OR "Six Sigma" OR Lean OR DMAIC OR DMADV "Continuous Quality Improvement" OR CQI OR "Focus Analyse Develop Execute" OR FADE OR "Collaborative Quality Improvement" OR "Quality Improvement Collaborative") OR AB ("Quality improvement*" OR "Quality Improvement Collaborative") OR AB ("Quality improvement*" OR "Quality Improvement Collaborative") OR "Health-care quality assurance" OR "Quality assurance" OR "Organizational innovation" OR "Outcome assessment" OR "Process assessment" OR "Program evaluation" OR "Program effectiveness" OR "Quality management" OR "Program evaluation" OR "Program effectiveness" OR "Quality management" OR "Health Care Process Assessment" OR "Guality Improvement" OR "Quality Improvement OR "Plan Do Study Act" OR PDSA OR "Plan Do Check Act" OR PDCA OR "Six Sigma" OR Lean OR DMAIC OR DMADV "Continuous Quality Improvement" OR CQI OR "Focus Analyse Develop Execute" OR FADE OR "Collaborative Quality Improvement" OR "Quality Improvement" OR (MH "Thopam Implementation Science") OR "Implementation Science") OR (MH "Program Implementation") OR (MH "Systems Implemen	393,141
#3	((MH "Emergency Service") OR (MH "Hospitalization") OR (MH "Aged, Hospitalized") OR (MH "Hospitals") OR (MH "Patient Admission") OR (MH "Observation Units") OR	432,718

#4	#1 AND #2 AND #3 AND (Published Date: 20000101-20221231)	3270
	"Emergency Treatment" OR "Acute care" OR "Emergency care" OR "Critical care" OR "Acute service*" OR "Emergency service*" OR "Critical service*"))	
	"Hospital Stay" OR "Patient Readmission" OR Readmission* OR "Patient Transfer" OR	
	"Hospitalization" OR Hospitali* OR "Hospital Transfer*" OR "Hospital Admittance" OR	
	"Department* Emergency" OR "Patient Admission" OR "Admission*" OR	
	"Emergency Department*" OR "Room Emergency" OR "Emergency Room*" OR	
	AB ("Hospital Emergency Service*" OR "Emergency Hospital Service*" OR "Emergency unit*" OR "Unit* Emergency" OR "Emergency Ward*" OR "Ward* Emergency" OR	
	"Critical care" OR "Acute service*" OR "Emergency service*" OR "Critical service*") OR	
	"Patient Transfer" OR "Emergency Treatment" OR "Acute care" OR "Emergency care" OR	
	Admittance" OR "Hospital Stay" OR "Patient Readmission" OR Readmission* OR	
	"Admission*" OR "Hospitalization" OR Hospitali* OR "Hospital Transfer*" OR "Hospital	
	OR "Emergency Room*" OR "Department* Emergency" OR "Patient Admission" OR	
	Ward*" OR "Ward* Emergency" OR "Emergency Department*" OR "Room Emergency"	
	Hospital Service*" OR "Emergency unit*" OR "Unit* Emergency" OR "Emergency	
	OR (MH "Transitional Care") OR TI ("Hospital Emergency Service*" OR "Emergency	
	(MH "Readmission") OR (MH "Transfer, Discharge") OR (MH "Emergency Treatment"	

	EMBASE (Searched 31 <sup>th</sup> December 2022)	
Search	Query	Items
#1	('nursing home'/exp OR 'extended care facility':ti,ab,kw OR 'intermediate care facilities':ti,ab,kw OR 'long term care facility':ti,ab,kw OR 'nursing home':ti,ab,kw OR 'nursing homes':ti,ab,kw OR 'skilled nursing facility':ti,ab,kw OR 'nursing home patient'/mj OR 'long term care patient':ti,ab,kw OR 'nursing home patient':ti,ab,kw OR 'nursing home patient':ti,ab,kw OR 'nursing home residenti:ti,ab,kw OR 'residential home'/mj OR 'institution, residential':ti,ab,kw OR 'residential facilities':ti,ab,kw OR 'residential home':ti,ab,kw OR 'residential institution':ti,ab,kw OR 'home for the aged'/mj OR 'continuing care retirement center':ti,ab,kw OR 'geriatric homes':ti,ab,kw OR 'home for the aged':ti,ab,kw OR 'home for the elderly':ti,ab,kw OR 'long age homes':ti,ab,kw OR 'old age homes':ti,ab,kw OR 'old age home':ti,ab,kw OR 'old age home':ti,ab,kw OR 'retirement center':ti,ab,kw OR 'retirement centre':ti,ab,kw OR 'retirement home':ti,ab,kw OR 'senior residence facility':ti,ab,kw OR 'long term care'/mj OR 'chronic treatment':ti,ab,kw OR 'long term care':ti,ab,kw OR 'long term care':ti,ab,kw OR 'long term care':ti,ab,kw OR 'assisted living facility'/mj OR 'assisted living':ti,ab,kw OR 'institutional care'/mj OR 'care, institutional':ti,ab,kw OR 'institutional care':ti,ab,kw OR 'institutional treatment':ti,ab,kw OR 'institutional care':ti,ab,kw OR 'institutional treatment':ti,ab,kw OR 'skilled care':ti,ab,kw OR 'medical home'/mj OR 'institutional care'/mj)	152,919
#2	('quality improvement':ti,ab,kw OR 'quality improvements':ti,ab,kw OR 'total quality management'/exp OR 'quality management':ti,ab,kw OR 'total quality management':ti,ab,kw OR 'quality management':ti,ab,kw OR 'quality improvement study'/exp OR 'organisational innovation':ti,ab,kw OR 'organizational innovation':ti,ab,kw OR 'quality control'/mj OR 'quality assessment':ti,ab,kw OR 'quality assurance':ti,ab,kw OR 'quality control':ti,ab,kw OR 'clinical governance':ti,ab,kw OR 'health care evaluation':ti,ab,kw OR 'health care quality assurance':ti,ab,kw OR 'healthcare evaluation':ti,ab,kw OR 'healthcare process assessment':ti,ab,kw OR 'healthcare quality assurance':ti,ab,kw OR 'quality assurance, health care':ti,ab,kw OR 'management quality circles':ti,ab,kw OR 'quality assurance, health care':ti,ab,kw OR 'management quality circles':ti,ab,kw OR 'quality assurance, health care':ti,ab,kw OR 'glan do check act':ti,ab OR 'six sigma methodology'/exp OR pdsa:ti,ab OR 'plan do check act':ti,ab OR 'six sigma methodology':ti,ab,kw OR 'lean methodology'/exp OR 'lean initiative':ti,ab,kw OR 'lean management':ti,ab,kw OR 'lean methodology':ti,ab,kw OR 'lean philosophy':ti,ab,kw OR 'lean quality improvement':ti,ab,kw OR 'lean quality initiative':ti,ab,kw OR 'lean thinking':ti,ab,kw OR dmaic:ti,ab OR dmadv:ti,ab OR pdca:ti,ab OR 'continuous quality improvement'/exp OR cqi:ti,ab OR 'focus analyze develop execute':ti,ab OR ciq:ti,ab	1,278,108

	OR 'collaborative quality improvement*':ti,ab OR 'performance improvement'/exp OR 'collaborative improvement':ti,ab OR 'outcome assessment'/mj OR 'health care outcome assessment':ti,ab,kw OR 'outcome assessment':ti,ab,kw OR 'outcome assessment':ti,ab,kw OR 'outcome assessment, health care':ti,ab,kw OR 'outcome measurement':ti,ab,kw OR 'implementation science'/exp OR 'implementation'/mj OR 'adoption'/mj OR 'education'/mj OR 'education':ti,ab,kw OR 'self-evaluation programmes':ti,ab,kw OR 'self-evaluation programs':ti,ab,kw OR 'self-evaluation programs':ti,ab,kw OR 'raining support':ti,ab,kw OR 'local consensus process':ti,ab,kw OR 'professional development'/mj OR 'professional development':ti,ab,kw OR 'leadership'mj OR 'leadership':ti,ab,kw)	
#3	('hospital readmission'/exp OR 'hospital readmission':ti,ab,kw OR 'patient readmission':ti,ab,kw OR 'readmission':ti,ab,kw OR 'readmission rate':ti,ab,kw OR 'readmission':ti,ab,kw OR 'readmission rate':ti,ab,kw OR 'readmission', hospital admission', hospital admission', hospital admission', hospital admission', hospital admitting department':ti,ab,kw OR 'hospital admitting service':ti,ab,kw OR 'hospital admitting unit':ti,ab,kw OR 'patient admission':ti,ab,kw OR 'hospitalization', hospital stay':ti,ab,kw OR 'hospitalization', hospitalization':ti,ab,kw OR 'hospitalization', hospitalization', hospital	1,184,917
#4	#1 AND #2 AND #3 AND [2000-2022]/py	2,326

	The Cochrane Library (Trials database) (Searched 31 <sup>th</sup> December 2022)	
Search	Query	Items
#1	("Nursing home*" OR "Geriatric home*" OR "Care home*" OR "care facilit*" OR "skilled nursing facilit*" OR "residential facilit*" OR "homes for aged" OR "long-term care*" OR "long term care*" OR "residential home*" OR "assisted living facilit*" OR "institutional care" OR "retirement home*" OR "retirement centre" OR "retirement centre" OR "old people home" OR "old people homes" OR "continuing care" OR "Medical home" OR "Medical homes" OR "Medical care" OR "senior residence facilit*") in Title Abstract Keyword	25,298
#2	("Quality improvement*" OR "Improvement quality" OR "Health care quality assurance" OR "Health-care quality assurance" OR "Quality assurance" OR "Organizational innovation" OR "Outcome assessment" OR "Process assessment" OR "program evaluation" OR "Program effectiveness" OR "Quality management" OR "Management, total quality" OR "Clinical Governance" OR "Outcome measure" OR "Health Care Process Assessment" OR "Healthcare Process Assessment" OR TQM OR "Plan Do Study Act" OR PDSA OR "Plan Do Check Act" OR PDCA OR "Six Sigma" OR Lean OR DMAIC OR DMADV OR "Continuous Quality Improvement" OR CQI OR "Focus Analyse Develop Execute" OR FADE OR "Collaborative Quality Improvement" OR "Quality Improvement Collaborative" OR Implement* OR Adopt* OR "Change management" OR "Workforce development" OR "professional development" OR feedback OR audit OR "Root cause analysis" OR "Local consensus process" OR leadership) in Title Abstract Keyword	251,531
#3	("Hospital Emergency Service*" OR "Emergency Hospital Service*" OR "Emergency unit*" OR "Unit Emergency" OR "Emergency Ward*" OR "Ward Emergency" OR "Emergency Department*" OR "Room Emergency" OR "Emergency Room*" OR "Department Emergency" OR "Patient Admission" OR Admission* OR "Hospitalization" OR Hospital* OR "Hospital Transfer*" OR	235,675

	"Hospital Admittance" OR "Hospital Stay" OR "Patient Readmission" OR	
	Readmission* OR "Patient Transfer" OR "Emergency Treatment" OR "Acute care"	
	OR "Emergency care" OR "Critical care" OR "Acute service*" OR "Emergency	
	service*" OR "Critical service*") in Title Abstract Keyword	
#4	#1 AND #2 AND #3 AND	2,790

Search	Query	Items
#1	TI=("Nursing home*" OR "Geriatric home*" OR "Care home*" OR "care facilit*" OR "skilled nursing facilit*" OR "residential facilit*" OR "home* for aged" OR "long-term care*" OR "long term care*" OR "residential home*" OR "assisted living facilit*" OR "institutional care" OR "retirement home*" OR "retirement centre" OR "retirement center" OR "old people home" OR "old people homes" OR "continuing care" OR "Medical home*" OR "Medical care" OR "senior residence facility*") OR AB=("Nursing home*" OR "Geriatric home*" OR "Care home*" OR "care facilit*" OR "skilled nursing facilit*" OR "residential facilit*" OR "home* for aged" OR "long-term care*" OR "long term care*" OR "residential home*" OR "assisted living facilit*" OR "institutional care" OR "retirement home*" OR "retirement centre" OR "retirement center" OR "old people home" OR "old people homes" OR "continuing care" OR "Medical home*" OR "Medical care" OR "senior residence facility*")	126,846
#2	TI=("Quality improvement*" OR "Improvement quality" OR "Health care quality assurance" OR "Health-care quality assurance" OR "Quality assurance" OR "Organizational innovation" OR "Outcome assessment" OR "Process assessment" OR "program evaluation" OR "Program effectiveness" OR "Quality management" OR "Management, total quality" OR "Clinical Governance" OR "Outcome measure" OR "Health Care Process Assessment" OR "Health care Process Assessment" OR TQM OR "Plan Do Study Act" OR PDSA OR "Plan Do Check Act" OR PDCA OR "Six Sigma" OR Lean OR DMAIC OR DMADV OR "Continuous Quality Improvement" OR CQI OR "Focus Analyse Develop Execute" OR FADE OR "Collaborative Quality Improvement" OR "Quality Improvement Collaborative" OR "Implementation" OR "Change management") OR AB=("Quality improvement*" OR "Improvement quality" OR "Health care quality assurance" OR "Health-care quality assurance" OR "Quality assurance" OR "Organizational innovation" OR "Outcome assessment" OR "Process assessment" OR "Program effectiveness" OR "Quality management" OR "Management, total quality" OR "Clinical Governance" OR "Outcome measure" OR "Health Care Process Assessment" OR "Healthcare Process Assessment" OR TQM OR "Plan Do Study Act" OR PDSA OR "Plan Do Check Act" OR PDCA OR "Six Sigma" OR Lean OR DMAIC OR DMADV OR "Continuous Quality Improvement" OR CQI OR "Focus Analyse Develop Execute" OR FADE OR "Collaborative Quality Improvement" OR "Quality Improvement" OR "Change management")	1,394,815
#3	TI=("Hospital Emergency Service*" OR "Emergency Hospital Service*" OR "Emergency unit*" OR "Unit* Emergency" OR "Emergency Ward*" OR "Ward* Emergency" OR "Emergency Department*" OR "Room Emergency" OR "Emergency Room*" OR "Department* Emergency" OR "Patient Admission" OR Admission* OR "Hospitalization" OR Hospitali* OR "Hospital Transfer*" OR "Hospital Admittance" OR "Hospital Stay" OR "Patient Readmission" OR Readmission* OR "Patient Transfer" OR "Emergency Treatment" OR "Acute care" OR "Emergency care" OR "Critical care" OR "Acute service*" OR "Emergency service*" OR "Critical service*") OR AB=("Hospital Emergency Service*" OR "Emergency Hospital Service*" OR "Emergency unit*" OR "Unit* Emergency" OR "Emergency Ward*" OR "Ward* Emergency OR "Emergency Department*" OR "Room Emergency" OR "Emergency Room*" OR "Department* Emergency" OR "Patient Admission" OR Admission* OR "Hospitalization" OR Hospitali* OR "Hospital Transfer*" OR "Hospital Admittance" OR "Hospital Stay" OR "Patient Readmission" OR Readmission* OR "Patient Transfer" OR "Emergency Treatment" OR "Acute care" OR "Emergency care" OR "Critical care" OR "Acute service*" OR	729,489
	"Emergency service*" OR "Critical service*")	