Year	Author	Focus and purpose of tool	Number of tools	Tools [Similar tools have the same letter]	Approach of tool *typological approach	Number of Dimensions	Dimension 1	Dimension 2	Dimension 3	Dimension 4	Dimension 5	Dimension 6	Dimension 7	Dimension 8	Dimension 9	Dimension 10	Dimension 11	Dimension 12	Dimension 13	Dimension 14
2003	Scott et al.	Organizational culture; review of available quantitative instruments measuring organizational culture in health care Healthcare setting, majority of instruments in hospital setting	9	1. Competing Values Framework [a]	Quantitative*	4	Staff climate	Leadership style	Bonding systems	Prioritization of goals										
				2. Quality Improvement Implementation survey [b]	Quantitative*	5	Character of organization	Managers' style	Cohesion	Prioritization of goals	Rewards									
				3. Organizational culture inventory [c]	Quantitative*	12	Humanistic	Helpful	Affiliative	Approval	Conventional	Dependent	Avoidance	Oppositional	Power	Competitive	Competence/perfectionalist	Achievement	Selfactualization	
				4. Harrison's organizational ideology questionnaire [d]	Quantitative	4	Power	Roles	Tasks	Individuals										
				5. Hospital culture questionnaire [e]	Quantitative	8	Supervision	Employer attitudes	Role significance	Hospital image	Competitiveness	Staff benefits,	Cohesiveness	Workload						
				6. Nursing Unit Cultural Assessment Tool [f]	Quantitative	x														
				7. Practice Culture Questionnaire [g]	Quantitative	x														
				8. MacKenzie's Culture Questionnaire [h]	Quantitative	10	Attitudes to change	Style of conflict	Resolution	Management style	Confidence in leadership	Openness and trust	Teamwork and cooperation	Human resource orientation	Consumer orientation	Organizational direction				
				9. Survey of Organizational Culture [i]	Quantitative	13	Orientation to customers	Orientation to employees	Congruence among stakeholders	Impact of mission,	Managerial depth/maturity	Decisionmaking/autonomy	Communication/openness	Human scale	Incentive/motivation	Cooperation versus competition	Organizational congruence	Performance under pressure	Theory S/theory T.	
2004	Gershon et al.	Organizational culture; measuring organizational culture and climate in healthcare Healthcare setting, all instruments generally hospital-based	12	1. Modified organizational climate descriptive questionnaire [y]	Quantitative	5 (major dimensions based on 10 questionnaires)	Leadership	Communication	Group behaviors and relationships	Healtcare worker outcomes	quality of work life: structural attributes									
				2. Organizational climate questionnaire	Quantitative															
				3. Organizational climate measure	Quantitative															
				4. Work environment tool	Quantitative															
				5. Profile of organizational characteristics	Quantitative															
				6. Organizational Culture Index [j]	Quantitative*															
				7. Organizational Questionnaire	Quantitative															
				8. Work Climate Survey	Quantitative															
				9. Nursing Work Index [k]	Quantitative															
				10. Organizational culture inventory [c]	Quantitative*															
				11. ICU Nurse Physician Questionnaire	Quantitative															
				12. Quality improvement implementation survey [b]	Quantitative*															
2005	Colla et al.	Patient safety climate; review of surveys that measure patient safety climate Healthcare setting; 5 for general evaluation, two for within hospital units, and two for use in specific healthcare organizations	9	1. Strategies for Leadership: an organizational approach to patient safety	Quantitative	5	Communication	Staffing	Leadership	Policies and procedures	Reporting									
				2. Patient safety cultures in healthcare organizations	Quantitative															
				3. Veterans administration patient safety culture questionnaire	Quantitative															
				4. Hospital survey on patient safety [l]	Quantitative															
				5. Culture of safety survey [m]	Quantitative															
				6. Safety attitudes questionnaire [n]	Quantitative															
				7. Safety climate survey (10 item version called safety climate scale) [o]	Quantitative															
				8. Medication safety self-assessment	Quantitative															
				9. Hospital transfusion service safety culture survey	Quantitative															
2006	Singla et al.	Safety culture; a review and synthesis of the measurement tools Hospital setting	13	1. Safety Attitudes Questionnaire,* ICU version [n]	Quantitative	23	Management and institutional commitment to safety	Communication openness	Beliefs about causes of errors and adverse events	Nonpunitive response to error	What should be reported and to whom	Teamwork	Feedback and communication	Institutional responses	Reporting infrastructure	Work pressure	Overall perception of safety	Adequacy of training and supervision		
				2. Veteran Affairs Palo Alto/ Stanford Patient Safety [p] Center for Inquiry	Quantitative															
				3. Veterans Health Administration Patient Safety Questionnaire [p]	Quantitative															
				4. Hospital Safety Culture Questionnaire (modified from 5. Operating Room Management Attitudes Questionnaire [ORMAQ]) [q]	Quantitative															
				6. Agency for Healthcare Research and Quality Hospital Survey on Patient Safety [l]	Quantitative															
				7. Safety Climate Survey [o]	Quantitative															
				8. Allina Hospitals and Clinics	Quantitative															
				9. Culture of Safety Survey [m]	Quantitative															
				10. Teamwork and Patient Safety Attitudes Questionnaire [n]	Quantitative		Organizational learning	Handoffs and transitions and coordination of care	Patient safety planning	Adequacy of equipment, information, and processes	Adequacy of crisis management	Compliance with rules and procedures	Job satisfaction	Adequacy of staffing	Willingness to ask for help	Detection infrastructure	Risktaking			
				11. Modified ORMAQ [q]	Quantitative															
				Patient Safety Climate in Anesthesia	Quantitative															
				12. Trainee Supplemental Survey (Children's Hospital Boston)	Quantitative															
				13. Safety Climate Scale [o]	Quantitative															
2006	Flin et al.	Safety climate and culture; review of quantitative studies of safety climate in health care and examine the psychometric properties of the questionnaires	12	1. Safety climate scale 35 items (part of a longer questionnaire) (Dejoy et al) [o]	Quantitative	8	Safety performance feedback	Management commitment to safety	Provision of Ppe	UP-related job hindrances	Knowledge and information about UP	Risk of infection	Self-protective actions	Work organisation						

		Healtcare setting, majority of instruments in hospital setting		2. 46 item safety climate scale (part of longer questionnaire) (Gershon et al) [o]	Quantitative	6	Senior management support	Absence of job hindrances	Cleanliness, orderliness	Minimal conflict and good communication	Safety-related feedback/training by supervisors	PPE/engineering control equipment availability														
				3. 16 items about safety climate (part of longer questionnaire) (Neal et al) [o]	Quantitative	4	Management values	Communication	Training	Safety systems																	
				4. Safety climate 11 items based on Gershon et al.26 (part of longer quesionnaire) (Felknor et al) [o]	Quantitative	4	Management commitment to safety	Work area	Unsafe work practices	Reporting safety violations																	
				5. 21 item safety climate scale based on studies by Murphy et al (Mccoy et al) [o]	Quantitative	5	Management commitment	Feedback	Job demands	Safety committee	PPE availability																
				6. 18 item scale based on Ostrom et al (Vredenburgh) [o]	Quantitative	6	Rewards	Training	Management commitment	Communication and feedback	Selection	Participation															
				7. 79 item questionnaire based on Offshore Safety Questionnaire (Carrico)	Quantitative	6	Communication	Satisfaction safety	Involvement	Work pressure	Safety attitudes	Safety behaviours															
				8. Stanford/PSCI Culture Survey (82 items) [p]	Quantitative	5	Organisation	Department	Production	Reporting/seeking help	Shame/self-awareness																
				9. Hospital Survey on Patient Safety (79 items) [l]	Quantitative	10	Supervisor/manager expectations and actions promoting patient safety	Organisational learning	Teamwork within units	Communication openness	Feedback/communication about error	Response to error	Staffing	Hospital management support for patient safety	Teamwork across hospital units	Hospital handoffs and transitions										
				10. Adapted Operating Team Resource Management Survey which included 57 items. (ORMAQ studies, Itoh et al) [q]	Quantitative	9	Satisfaction with management	Morale and motivation	Communication	Teamwork	Power distance	Own competence	Recognition of stress	Stress management	Error												
				11. Total length of questionnaire not given but it included 10 item safety climate scale (Pronovost et al)	Quantitative	3	Supervisor and management commitment to safety	Knowledge of how to report adverse events	Understanding of systems as the cause of adverse events																	
				12. Total length of questionnaire not given but it was adapted from the 60 item version of the ORMAQ (woods et al) [q]	Quantitative	6	Organisational culture	Communication	Teamwork	Assertiveness	Performance shaping factors	Error															
2007	King and Byers	Organizational culture; review of quantitative organizational culture instruments for nurse executives	8	1. Organizational culture inventory [c]	Quantitative*	12	Humanistic- encouraging	Affiliative	Approval	Conventional	Dependent	Avoidance	Oppositional	Power	Competitive	Competence/perfectionistic	Achievement	Selfactualization								
				2. Organizational Description Questionnaire [y]	Quantitative	2	Transformational leadership culture	Transactional leadership culture																			
		Healthcare setting, two instruments focused on hospital setting		3. AHRQ Hospital Survey on Patient Safety Culture [l]	Quantitative	14	Supervisor/manager expectations and actions promoting safety	Organizational learning	Teamwork within units	Communication openness	Feedback and communication about error	Nonpunitive response to error	Staffing	Hospital management support for patient safety	Teamwork across hospital units	Hospital handoffs and transitions	Overall perception of safety	Frequency of event reporting	Patient safety grade	Number of events reported							
				4. Total Quality Management Practices and Culture	Quantitative	12	Management support	Suggestions	Use of data	Supplies	Supervision	Continuous improvement	Customer orientation	Job challenge	Communication	Trust	Innovation	Social cohesion										
				5. Team Survey	Quantitative	6	Team orientation and self regulation	Team potency	Team identification	Shared mental models	Transactional psychological contract	Relational transactional contract															
				6. Nursing Unit Cultural Assessment Tool [f]	Quantitative	2	Individual's preferred bahvior	Group's typical behavior																			
				7. Organizational Culture Profile Revised [r]	Quantitative	7	Competitiveness	Social responsibility	Supportiveness	Innovation	Emphasis on rewards	Performance orientation	Stability														
				8. Quality Improvement Implementation Survey [b]	Quantitative*	7	Leadership	Information and analysis	Strategic quality planning	Human resource utilization	Quality results	Quality management	Customer satisfaction														
2009	Mannion et al.	Organizational culture; survey of culture assessment tools	12	1. Manchester Patient Safety Framework [s]	Qualitative approach*	14	Senior management commitment	Quality focus	Clear governance/accountability	Patient centeredness	Safety awareness	Team working	Collaborative working	Blame-free environment	Support for innovation	Customised care	Standardisation of care	Focus on cost-effectiveness	Public service ethos	Priorisation of choice							
				2. Safety Attitude Questionnaire [n]	Quantitative																						
				3. Institute for Healthcare Improvement Safety Climate Survey	x																						
				4. National Staff Survey	x																						
				5. National Patient Safety	x																						
				6. Investment in people	x																						
		Healthcare setting; acute and primary care organisations in the English NHS		7. Competing Values Framework [a]	Quantitative*																						
				8. Stanford Patient Safety Culture Inventory [p]	Quantitative																						
				9. General Practice Learning Organisation Diagnostic Tool	x																						
				10. Hospital survey on patient safety culture (Agency for Healthcare Research and Quality) [l]	Quantitative																						
				11. Nursing Unit Cultural Assesment Tool [f]	Quantitative																						
				12. Organisational Culture Profile [r]	Quantitative																						
2009	Jung et al.	Organizational culture; review of qualitative and quantitative instruments that explore organizational culture	71	1. Assessing Learning Culture Scale	Quantitative	26	Achievement/accomplishment	Change/attitudes to change/creating change	Collaboration/collaborative culture/collaborative team orientation	Development/development capability/employee development	Employee attributes/employee commitment/employee participation	Ethics/valuing of ethics	Focus/customer focus/long-term focus	Goals/goal clarity/goal orientation	Innovation/innovativeness/risk taking	Job attributes/job satisfaction/job security	Leadership/leadership qualities/confidence in leadership	Learning/individual learning/organizational learning	Organizational attributes/organizational identity/organizational issues								
				2. Assessment of Organizational Readiness for Evidence-Based Health Care Interventions	Quantitative																						
		Private and public sector, including a healthcare setting.		3. Competing Values Framework [a] o Competing Values tool for Organisational Culture [Chang and Wiebe] o Competing Values tool for Organisational Culture [Howard] o Competing Values tool for Organisational Culture [Quinn and Spreitzer] § NIC/Q 2000 Tool o Competing Values tool for Organisational Culture [Zammuto and Krakower] § National VA Quality Improvement Survey (NQIS) o Organisational Culture Assessment tool (OCAI) [Cameron and Quinn]	Quantitative*																						
				4. Concept-Mapping and Pattern-Matching Approach	Qualitative approach																						
				5. Core Employee Questionnaire	Quantitative																						
				6. Corporate Culture Questionnaire	Quantitative																						
				7. Culture Gap Survey	Quantitative																						

8. CULTURE Questionnaire in the Contextual Assessment of Organizational Culture (CAOC Approach) [t]	Quantitative														
9. Culture Snapshot	Quantitative														
10. Culture Survey (MacKenzie) [h]	Quantitative														
11. Critical Incident Technique	Qualitative approach														
12. The Cultural Audit	Quantitative*														
13. Cultural Assessment Survey	Quantitative*														
14. Cultural Consensus Analysis	Quantitative														
15. Denison Organizational Culture Survey [i]	Quantitative														
16. Ethnography [u]	Qualitative approach														
17. Five Window Culture Assessment Framework	Quantitative														
18. FOCUS Questionnaire	Quantitative														
19. General Practice Learning Organization Diagnostic Tool	Quantitative														
20. Global Leadership and Organizational Behavior Effectiveness (GLOBE) Culture Scales	Quantitative														
21. Grid/Group Model	Qualitative approach*														
22. Group Practice Culture Questionnaire	Quantitative														
23. Hofstede's Measure of Organisational Culture o Hofstede's Measure of Organisational Culture (Organisational Practices) o Hofstede's Measure of Organisational Culture (Values)	Quantitative*														
24. Values Survey Module	Quantitative														
25. Hospital Culture Questionnaire [q]	Quantitative														
26. Hospital Culture Scales	Quantitative														
27. Hospitality Industry Culture Profile	Quantitative														
28. Interactive Projective Test	Qualitative approach*														
29. Interviews [v]	Qualitative approach														
30. Inventory of Polychronic Values	Quantitative														
31. Japanese Organizational Culture Scale	Quantitative														
32. Laddering	Qualitative approach														
33. Metaphorical Analysis	Qualitative approach														
34. Narratological Approach	Qualitative approach														
35. Norms Diagnostic Index	Quantitative														
36. Nurse Medication Questionnaire	Quantitative														
37. Nurse Self-Description Form	Quantitative														
38. Nursing Unit Cultural Assessment Tool [r]	Quantitative														
39. Nursing Work Index/Nursing Work Index–Revised [k]	Quantitative														
40. Organizational Assessment Survey (MetriTech)	Quantitative														
41. Organizational Assessment Survey (OPM)	Quantitative														
42. Organizational Commitment Questionnaire	Quantitative														
43. Organizational Culture and Core Task (CULTURE) Questionnaire [t]	Quantitative														
44. Organizational Culture Assessment tool	Quantitative*														
45. Organizational Culture Inventory [c]	Quantitative*														
46. Organizational Culture Profile (Ashkanasy) [r]	Quantitative														
47. Organizational Culture Profile (O'Reilly) [r]	Quantitative														
48. Organizational Culture Questionnaire (Harrison) [d]	Quantitative														
49. Organizational and Team Indicator	Quantitative*														
50. Organizational Culture Survey [l]	Quantitative														
51. Organizational Development Questionnaire	Quantitative*														
52. Organizational Norms Opinionnaire	Quantitative														
53. Perceived Cultural Compatibility Index	Quantitative														
54. Perceived Organizational Culture	Quantitative*														
55. Personal, Customer Orientation, Organizational and Cultural Issues Model	Quantitative														
56. Practice Culture Questionnaire [g]	Quantitative														
57. Questionnaire of Organizational Culture	Quantitative														
58. Repertory Grids	Qualitative approach														
59. School Quality Management Culture Survey	Quantitative														
60. School Values Inventory	Quantitative														
61. School Work Culture Profile	Quantitative														
62. Semiotics	Qualitative approach														
63. Storytelling	Qualitative approach														
64. Thomas' Questionnaire on Organizational Culture	Quantitative														
65. Time Dimension Scales	Quantitative														
66. Twenty Statements Test	Qualitative approach														
67. Van der Post Questionnaire	Quantitative														
68. Wallach's Organizational Culture Index [f]	Quantitative*														
69. Ward Organizational Feature Scales (Nurses' Opinion Questionnaire)	Quantitative														
70. Women Workplace Culture Questionnaire	Quantitative														
71. Work Culture Assessment Scale	Quantitative														
		Orientation	Performance/performance facilitation/performance measures	Power/power distance	Relations/relationships/collegial relations/interdisciplinary relations	Results	Rewards	Support/Supportiveness	Task(s)/task structure	Team aspects/team orientation/team approach	Trust	Values/core values/espoused values	Vision	Workforce/work environment	

2010	Palmieri et al.	Safety culture; theoretical review and research assessment of safety culture	3	1. Hospital Survey on Patient Safety Culture (HSOPSC) [l]	Quantitative	14	Hospital management support for safety	Organizational learning	Teamwork within units	Supervisor/manager expectations and actions promote safety	Compliance with procedures	Staffing	Error feedback and communication	Overall perceptions of safety	Openness of communication	Nonpunitive response to error	Positive-reporting norms	Frequency of event reporting	Teamwork across units	Hospital handoffs and transitions
		Healthcare setting, instruments descibed mainly focus on hospital setting		2. Safety Attitude Questionnaire (SAQ) [n]	Quantitative	6	Teamwork climate (Perceived quality of collaboration between personnel)	Job satisfaction (Positivity about work experience)	Perceptions of management (Approval of management actions)	Safety climate Perception of strong and proactive organizational commitment to quality	Working conditions (Perceived quality of the work environment and logistical support)	Stress recognition (Acknowledgement of how performance is influenced by stressors)								
				3. Safety Organizing Scale (SOS) [w]	Quantitative	5	Preoccupation with failure	Reluctance to simplify	Sensitivity to operations	Commitment to resilience	Deference to expertise									
2011	Halligan and Zecevic	Safety culture; a review of measures of safety culture in healthcare	20	1. Hospital Survey on Patient safety Culture (AHRQ) [l]	Quantitative	6	Leadership commitment to safety	Open communication founded on trust	Organisational learning	A non-punitive approach to adverse event reporting and analysis	Teamwork	Shared belief in the importance of safety								
		Healthcare setting, the majority of studies included were from the acute care hospitals, some were from rehabilitation settings and long-term care, and none were from community or home care settings.		2. Safety Attitudes Questionnaire [n]	Quantitative															
				3. Patient Safety Culture in Healthcare Organizations Survey (PSCHO) [p]	Quantitative															
				4. Modified Stanford Patient Safety Culture Survey tool (MSI) [p]	Quantitative															
				5. MaPSaF = Manchester Patient Safety Framework [s]	Qualitative approach*															
				6. SCS = Safety Climate Scale [o]	Quantitative															
				7. Culture Change Assessment Tool	Quantitative															
				8. Survey of factors related to inpatient violence	Quantitative															
				9. Close Call Pilot Culture Assesment	Quantitative															
				10. PSCIT	Qualitative approach															
				11. Questionnaire of Patient Safety at your hospital	Quantitative															
				12. Safety Culture Priority Index	Quantitative															
				13. Culture check-up tool	Quantitative															
				14. Safety Organizing Scale [w]	Quantitative															
				15. Sentinel Events at the academic hospitals: evaluation of housestaff and medical student attitudes toward adverse medical events survey	Quantitative															
				16. Unnamed survey (Weingart et al.)	Quantitative															
				17. Nursing Climate Scale	Quantitative															
				18. Focus Group	Qualitative approach															
				19. Interview [v]	Qualitative approach															
				20. Observation [x]	Qualitative approach															
2012	Freeth et al .	Safety culture; a methodological study to compare survey-based and observation-based evaluations of organisational and safety cultures and then compare both approaches with markers of the quality of care	12	1. Harrison's Organizational Ideology Questionnaire [d]	Quantitative	9	Teamwork climate	Safety climate	Job satisfaction,	Stress recognition	Perceptions of management	Working conditions	Absence of barriers to safe working practices	Minimal conflict and good communication among staff	Safety-related feedback					
				2. The Competing Values Framework (CVF) [a]	Quantitative*															
				3. The Organizational Culture Inventory [c]	Quantitative*															
				4. The Quality Improvement Implementation Survey b	Quantitative*															
				5. SAQ (multiple versions, including the Teamwork and Safety Climate Survey and the Institute for Health Care Improvement Safety Climate Survey [n]	Quantitative															
		Setting focussed on hospitals		6. Hospital Survey on Patient Safety Culture for the United States Agency for Healthcare Research and Quality (AHRQ) [l]	Quantitative															
				7. The Patient Safety Climate in Healthcare Organizations questionnaire (PSCHOQ) [p]	Quantitative															
				8. Hospital Safety Climate Questionnaire	Quantitative															
				9. MaPSaF [s]	Qualitative approach*															
				10. Ethnography [u]	Qualitative approach															
				11. Observation [x]	Qualitative approach															
				12. Interviews v	Qualitative approach															
2014	Pumar-Mendez et al.	Safety culture - thematic literature review to identify methodological aspects in the assessment of hospital based safety culture	9	1. Survey of Safety Culture in Hospitals (SSCH)	Quantitative	8	Power distance Communication	Teamwork	Recognition of own performance under high stress	Stress management for team members	Morale and motivation	Satisfaction with management	Recognition of human error	Awareness of own competence						
				2. Patient Safety Cultures in Healthcare Organisations (PSCHO) [p]	Quantitative	5	Organization	Department	Production	Reporting/seeking help	Shame/self-awareness									

		Hospital setting		3. Safety Climate Scale (SCS) [o]	Quantitative	3	Commitment to safety	Knowledge of error reporting	Understanding of system's role in the occurrence of errors										
				4. Strategies for Leadership (SLS)	Quantitative	6	Leadership	Strategic planning	Information and analysis	Human resources	Process management	Patient and family involvement							
				5. Weingart et al.'s (2004) selfdeveloped survey tool	Quantitative	5	Leadership commitment	Professional salience	Non-punitive environment	Error reporting	Communication								
				6. Liu et al.'s (2009) self-developed survey tool	Quantitative	7	Leadership and management towards patient safety	Feedback and communication about errors	Staffing	Non-punitive error reporting	Learning from errors	Staff cooperation	Perceptions of overall inpatient safety						
				7. Safety Attitudes Questionnaire (SAQ) [n]	Quantitative	6	Stress recognition	Working conditions	Safety climate	Perceptions of management	Job satisfaction	Teamwork							
				8. Safety Organizing Scale (SOS) [w]	Quantitative	1	Collective mindfulness												
				9. Hospital Survey on Patient Safety Culture (HSOPSC) [l]	Quantitative	12	Overall perceptions of safety	Frequency of event reporting	Supervisor/manager expectations and actions promoting patient safety	Organizational learning/continuous improvement	Teamwork within units	Communication openness	Feedback and communication about error	Non-punitive response to error	Staffing	Hospital management support for patient safety	Teamwork across hospital units	Hospital handoffs and transitions	
2016	Manser et al.	Safety climate; quantitative measures in healthcare sector of safety climate in german speaking countries Healthcare setting; hospitals, nursing homes,primary care,dental care and community pharmacy	11	1. Patient Safety Climate Inventory (PaSKI) [11]	Quantitative	12	Teamwork	Supervisor expectations/actions promoting patient safety	Organisational learning, continuous improvement	Hospital management support for patient safety	Feedback and communication about error	Staffing	Communication openness	Teamwork accross hospital units	Hospital handoffs and transitions	Nonpunitive response to errors	Unit management support for patient safety	Unit handoffs and transitions	
				2. Hospital Survey on Patient Safety culture for hospital management (HSOPS M) [l]	Quantitative	10	Teamwork	Supervisor expectations/actions	Organisational learning	Hospital management support for patient safety	Feedback and communication about error	Staffing	Communication openness	Teamwork accross hospital units	Hospital handoffs and transitions	Nonpunitive response to errors			
				3. Safety attitudes questionnaire (SAQ- Swiss version) [n]	Quantitative	6	Teamwork	Safety climate	Job satisfaction	Stress recognition	Perceptions of management	Working conditions							
				4. Safety climate survey (SCS) [o]	Quantitative	1	Safety Climate												
				5. Safety Organizing Scale (SOS-Swissversion) [w]	Quantitative	1	Safety organizing scale												
				6. Vienne Safety Culture questionnaire (WSF)	Quantitative	7	Active learning from mistakes	Management commitment to patient safety	Stress and workload	Communication and cooperation regarding patient safety	Attitudes of shared care and concern for hazards	Error fatalism	Processes and equipment						
				7. Nursing Home Survey on Patient Safety Culture (NHSPSC-CH)	Quantitative	11	Teamwork	Supervisor expectations and promoting patient safety	Organizational learning	Management support for resident safety	Feedback and communication about incidents	Staffing	Communication openness	Training and skills	Handoffs	Nonpunitive response to errors	Compliance with procedures		
				8. Frankfurt patient safety climate questionnaire for General Practice (FraSIK)	Quantitative	9	Teamwork climate	Safety of practice structure	Job satisfaction	Staff perception of management	Receptiveness to healthcare assistants and patients	Safety of clinical processes	Quality and safety of medical care	Perception of causes of error	Error management				
				9. Survey of Organizational attributes for primary care (SOAPC)	Quantitative	4	Communication	Decision making	Stress/chaos	History of change									
				10. Survey of Organizational attributes for dental care (SOADC)	Quantitative	4	Communication	Decision making	Stress/chaos	History of change									
				11. Pharmacy safety climate questionnaire (PSCQ-4)	Quantitative	4	Organizational learning	Blame culture	Working conditions	Safety focus									
2018	Alsalem et al.	Safety climate; a systematic review of survey measurement tools determining safety climate in acute hospital settings Hospital setting	5	1. Hospital Survey on Patient Safety Culture (HSOPSC) [l]	Quantitative	12	Top management support & institutional commitment to safety	Teamwork	Safety systems: "Policies&Procedures, Safety Planning, Hand offs & Transitions, Staffing, Equipment"	Safety perceptions & Attitudes of staff, Risk perceptions	Reporting Incidents & "non-punitive" response to error	Communication openness	Organizational learning and continuous improvement	Beliefs about the causes of errors & adverse events	Training & continuous education	Staff satisfaction	Feedback & Communication about adverse events	Work Pressure	
				2. Safety Attitudes Questionnaire (SAQ) [n]	Quantitative														
				3. Patient Safety Cultures in Healthcare Organisations (PSCHO) [p]	Quantitative														
				4. SOS [w]	Quantitative														
				5. Can-PSC															
2018	Lawati et al.	Safety climate and culture; systematic review on the safety culture and patient safety measures used globally to inform the development of safety culture among health care workers in primary care with a particular focus on the Middle East. Primary care setting	3	1. The Hospital Survey on Patient Safety Culture (HSOPSC) [l]	Quantitative	12	Management support	Organizational learning	Teamwork within units	Supervisors expectations and actions	Staffing	Error feedback and communication	Communication openness	Nonpunitive response to error	Number of error reporting	Frequency of error reporting	Teamwork across units	Handoffs and transitions	
				2. Safety Attitudes Questionnaire (SAQ) n	Quantitative	9	Job satisfaction	Teamwork climate	Perception of work environment	Communication	Patient safety	Ongoing education	management of the healthcare center	recognition of stress	Error prevention by using preventive measures				
				3. MaPSaF = Manchester Patient Safety Framework [s]	Qualitative approach*	10	Continuous improvement	Priority given to staff	System errors and individual responsibility	Recording incidents	Evaluation incidents	Learning and effecting change	Communication personnel management	Staff education	Teamwork				