

Table 1 Characteristic of included studies

First author (year)	Language	Country	Healthcare setting	Methodology/design	Data collection tool	Participants/sample size	Aim	Type of result
H. Rashidian (2015)	English	Iran ^a	University hospital	Quantitative	Questionnaire	Physicians/150	Understand physician attitude to the barriers of patient decision aids	Physicians' attitudes
A. Alhaqwi (2015)	English	Saudi Arabia	Family practice centre/public	Quantitative/cross-sectional study	Questionnaire	Patients/236	Explore preferences of Saudi patients to be involved in medical decision-making and the factors influencing their preferences	Patients' preferences
R. Obeidat (2015)	English	Jordan	Cancer specialty centre, public and teaching hospital	Quantitative/cross-sectional	Semi-structured interviews	Patients/156	Assess the preferences of women with breast cancer regarding their participation in decision making	Patients' preferences
R. Obeidat (2016)	English	Jordan	Cancer centre, public and teaching hospital, private clinics	Quantitative/comparative research design	Questionnaire	Physicians/86	Assess the attitude of physicians toward information disclosure, comfort and use of different approaches in decisionmaking, and patient involvement in treatment decision making.	Physicians' attitudes
M. Al-Tannir (2017)	English	Saudi Arabia	Rehabilitation, neurology/public	Quantitative/cross-sectional	Questionnaire	16 patients/22 family members/64 nurses/36 physicians	Assess patients' experiences of engagement and nurses and physicians' perceptions of patients' engagement, and compare this perception with patients' experience	Patients' experiences, physicians' and nurses' perceptions
A. Al-Bahri (2019)	English	Oman	Oncology/teaching hospital	Quantitative/cross-sectional study	Questionnaire	Patients and their family members/ 79	Assess the role of family members in the treatment decision making process among adult Omani women with breast cancer and the influencing factors on treatment decision making	Reported role of the family
S. Kumar (2010)	English	Pakistan	Oncology/university hospital	Quantitative	Questionnaire	Patients/230	Assess the influence of patients' beliefs and knowledge about cancer on their decisions regarding its management	Patients' perceptions, beliefs and knowledge
M. Alizadeh (2013)	English	Iran	University of Medical Sciences	Qualitative/descriptive phenomenology	Focus group discussion	Clinicians/6	Explore the experiences of clinicians on patient values and patient centred decision making	Physicians' experiences
F. Asghari (2008)	English	Iran	General internal medicine, general surgery/teaching hospital	Quantitative/mixed method design	Questionnaire	Patients/299	Assess patients' preferences for participating in decision making and receiving clinical information	Patients' preferences
A. Al-Bahri (2018)	English	Oman	Oncology/teaching hospital	Quantitative/cross-sectional study	Questionnaire	Patients and their family members/185	Assess the role of family members in the treatment decision making process among adult Omani and the influencing factors on treatment decision making	Reported role of the family

Table 1 Characteristic of included studies (Concluded)

First author (year)	Language	Country	Healthcare setting	Methodology/design	Data collection tool	Participants/sample size	Aim	Type of result
H. Rashidian (2013)	English	Iran	Rheumatology and orthopaedic/private and public	qualitative	In-depth interviews	14 physicians/8 patients	Explore the viewpoints of physicians and patients on the barriers, facilitators, and the benefits of using decision aids	Viewpoints of physicians and patients
E. Mohammed (2018)	English	Egypt	University Hospital	quantitative/cross-sectional study	Questionnaire	Patients/514	Assess patients' awareness of their rights, the predictors of their knowledge score, and patients' perspective on the degree of the providers' adherence to these right	Assessment for awareness
A. Alzahrani (2016)	English	Saudi Arabia	Medical centre	Qualitative/cross-sectional ethnographic	Observation/interviews	3 dentists/32 patients	Explore the process of decision making associated with patients who underwent dental implants.	Evaluation and observation
W. Alkhatrawi (2013)	English	Saudi Arabia	Private and public hospitals	Mixed methods/exploratory study	Questionnaire/in-depth focus groups	Questionnaire (296 patients/93 physiotherapists), 10 focus groups	Explore the perceptions and preferences of patients with low back pain and physiotherapists for patient involvement in decision making and information provision.	Perceptions and preferences of patients and doctors
R. Obeidat (2018)	English	Jordan	Cancer centre, public and teaching hospital, private clinics	Quantitative	Survey	Physicians/86	Physicians' perception about barriers and facilitators to shared decision-making	Physicians' perception
M.Ebrahimi (2014)	English	Iran	Anaesthesia, urology, gynaecology, emergency/teaching hospitals	Quantitative	Questionnaire	Physicians 81	Evaluate physicians' perception about shared decision-making by validating and translating SDM questionnaire	Physicians' perception
H. Mostafaie (2014)	English	Iran	University of Medical Sciences	Quantitative	Questionnaire	Patients/200	Assess the relationship between patient age, location and their preference toward SDM	Patients' perspectives
A. Boukir (2015)	French	Morocco	National institute of oncology	Quantitative	Questionnaire	Patients/272	Assess patients' participation in treatment choice	Patients' participation
H. Saleh (2014)	English	Saudi Arabia	Public hospital	Quantitative/cross-sectional study	Questionnaire	Patients/408 Physicians/68	Assess the perspective of patients' and physicians' perspective toward SDM and compare their preference in SDM.	Patients' and physicians' perspectives

^aIslamic Republic of Iran.