

Research Articles

Does a List of Potential Questions Increase Patient Comfort with Decisions in Musculoskeletal Specialty Care?

Sina Ramtin, MD¹^a, Nneoma Duru, BS¹, Amirreza Fatehi, MD¹, Lee Reichel, MD¹, Gregg Vagner, MD¹, David Ring, MD, PhD¹

¹ Dell Medical School—The University of Texas at Austin, Austin, TX, USA

Keywords: Patient Comfort, Decisions, Musculoskeletal Specialty Care, List of Potential Questions

<https://doi.org/10.58616/001c.137629>

SurgiColl

Vol. 3, Issue 3, 2025

Objectives

Important decisions about tests and treatment might benefit from prompting people to be ready to ask questions, particularly in musculoskeletal specialty care, where many tests and treatments are discretionary.

Methods

We enrolled 146 adult patients in a prospective, 1:1 randomized controlled trial, with about half receiving a list of questions people with musculoskeletal symptoms might ask a specialist before the visit. After the visit, patients in both groups completed a survey that included demographics, measures of comfort with decisions, agency, perceived clinician empathy (using two different measures), and an 11-point ordinal measure of satisfaction with the visit.

Results

There were no significant differences between the two groups regarding whether or not they received a list of questions prior to the visit.

Conclusion

The observation that a question list did not improve patient agency or experience suggests—in combination with other lines of evidence—that preparing patients for greater agency may not be as effective as training clinicians in a more guiding rather than directing communication style. Whether a question prompt list improves patient agency and experience or limits decision conflict beyond what patients experience without it.

INTRODUCTION

People seek musculoskeletal specialty care when a symptom becomes a concern, which is not alleviated in non-specialty care. Unhelpful thoughts regarding symptoms and feelings of worry, despair, or insecurity are common in association with musculoskeletal symptoms.¹⁻⁴ People who are flexible in their thinking—ready to replace unhelpful thoughts with healthier narratives about their symptoms—experience less intense symptoms and are more capable.^{5,6}

Patients can be coached to enter specialty care visits with an open and curious mind, prepared to move from how they currently regard their symptoms to a potentially healthier mindset.⁷ Previous studies found that greater patient activation (feeling agency to take action to maintain and improve one's health)⁸ is correlated with greater capability, lower pain intensity, and greater satisfaction with treatment.⁹ A surgical question prompt list (a list of questions that patients can consider as they interact with a surgeon to consider surgery)¹⁰ has been used to help increase patient agency and increase participation in deci-

^a Corresponding Author:

Sina Ramtin, MD
Department of Surgery and Perioperative Care, Dell Medical School
The University of Texas at Austin
Austin, TX 78712, USA
Sina.Ramtin@Austin.utexas.edu

sion-making regarding discretionary surgery.¹¹ A question list prompts patients to reflect on and ask about things that matter to them. We are interested in whether or not patients who review a question prompt list before the consultation feel greater comfort with decisions, have a greater health agency, regard their specialist as more empathetic, and are more satisfied with their care.

A Cochrane review identified 16 studies of the effectiveness of a question prompt list for an oncology consultation and found evidence that they enhance patient participation, reduce feelings of anxiety, and improve recall of information.¹⁰ One study of patients seeking specialty hand care compared a question prompt list with three simple questions and found comparable patient-perceived involvement in their care. However, it did not address whether either tool improved patient agency and experience or limited decision conflict beyond what patients experience without using either tool.¹²

We addressed this question: Do patients who receive a question prompt list before a musculoskeletal specialty care visit experience greater comfort with decisions, feel greater agency for their care, perceive their surgeon as more empathetic, and are they more satisfied with their care?

METHODS

STUDY DESIGN AND SETTING

Our Institutional Review Board approved this study at the Office of Research at the University of Texas in Austin. New, English-literate adults (18 years or older) seeking care for musculoskeletal symptoms were invited to enroll from January 2018 to March 2020. The question prompt list was developed by surgeons and patients alike. Questions were considered important after reviewing. After verbal consent and reading a research letter, subjects were randomized 1:1 using a random number generator to be given or not given a question list before their visit.

PARTICIPANTS

Patients were asked by medical assistants throughout all clinical offices and voluntarily decided to participate. Participants were fluent and literate in English, and there was no concern about understanding the list of questions. Participants had an average of 5-10 minutes to review the list before the physician came in. We enrolled 146 adults (60% women) with an average age of 53 (SD=17) [Table 1]. Seventy participants (48%) received a question prompt list. More than half of the patients had non-trauma conditions (77%), and more than half had upper-extremity conditions (59%). Injuries and diagnosis include but are not limited to rotator cuff and labral tears, Dupuytren's contracture, lumbar radiculopathy, total joint replacement, and pilon fractures.

MEASUREMENTS

The list suggested questions about diagnosis, cause, treatment options, and recovery. For instance, "What is causing

my symptoms?", "Have I done anything to cause this problem?" "Are there treatments that can stop, slow, or reverse the problem?" finally, questions about the specific treatments offered, such as, "Does this treatment cure the disease?"

After the visit concluded, including a specific treatment plan, the physician left the room, and the research assistant administered the surveys. Patients in both groups completed a demographic survey (age, gender, ethnicity, etc.), the Decisional Conflict Scale (measures personal perceptions of uncertainty in choosing options; modifiable factors contributing to uncertainty and unsupported in decision making, and effective decision making), a measure of perceived clinician empathy (CARE measure), a measure of patient activation (PAM score: assesses an individual's knowledge, skill and confidence for managing their health and health care), and an 11-point ordinal measure of satisfaction with the visit. The Decisional Conflict Scale was used as our primary outcome variable. It is a validated measure of patient uncertainty in making decisions about their care, the factors contributing to their uncertainty, and whether or not the patient felt involved in their care through shared decision-making.^{11,13}

STATISTICAL ANALYSIS

Descriptive statistics were performed on all patients. Shapiro-Wilk tests were conducted to test the normality of continuous variables. The mean and standard deviation were reported for normally distributed variables; the median and interquartile range were reported for all nonparametric variables. To seek factors associated with receiving a QPL, we performed bivariate analyses using Mann-Whitney U tests for nonparametric response variables. Spearman rank-order correlations were calculated for all continuous explanatory variables. All variables with $P < 0.10$ were moved to multivariable analysis. Multivariable linear regression analysis was used to identify variables associated with CARE score. Alpha was set at 0.05.

A priori power analysis using G power determined that a sample size of 128 subjects would have 80 percent power to detect a difference of effect size 0.5 with alpha set at 0.05. Anticipating the potential for 10% incomplete surveys, we aimed to enroll more than 141 patients.

RESULTS

In bivariate analysis, there were no significant differences in (Median [IQR]) in decision comfort (4 [0-13], 5 [0-14]), agency (92.3 [80.8-100], 92.3 [83.7-100]), perceived clinician empathy, (31 [26-34], 31 [27.5-35]) and satisfaction with care (50 [48-50], 50 [46.5-50]) between two groups whether they received a question prompt list (QPL) prior to a visit or not [Tables 2-6].

DISCUSSION

Question lists encouraged discussion and improved patient knowledge in prior studies of people considering surgery.^{10,}

Table 1. Demographics

N=146		
	Mean $\pm$ SD (Range)	
Age	53 $\pm$ 17 (18-87)	
	Median (InterQuartile Range)	Skewness
CARE measure	50 (48-50)	-2.03
Decision Conflict Score	4 (0-13)	0.98
PAM score	92.31 (82.70-100)	-2.5
JSPPPE Score	31 (27-35)	-1.77
Gender	Percentage (Number)	
Male	40% (58)	
Female	60% (88)	
Race		
White	65% (95)	
Hispanic	18% (27)	
Other	16% (24)	
Employment		
Employed	60% (88)	
Retired/disabled/Student/homemaker	40% (58)	
Household Income		
<50K	32% (47)	
50-99K	25% (36)	
100k and Above	43% (63)	
Education		
High School Degree and Less	19% (28)	
College Degree	58% (85)	
Post College Graduate Degree	23% (33)	
Marital Status		
Married	62% (91)	
Single	18% (27)	
Separated/Divorced/Widowed	19% (28)	
Prompt List		
Received	48% (70)	
Not Received	52% (76)	
Diagnosis		
Trauma	23% (33)	
Non Trauma	77% (113)	
Involved Area		
Upper Extremity	59% (86)	
Lower Extremity	39% (57)	
Spine	2% (4)	

¹⁴ We tested the influence of a question list on patient experience after an initial musculoskeletal specialty care visit. We did not find a difference in comfort with decisions or other aspects of patient experience when people received a question list prior to their visit.

Our study has limitations. First, it was performed at several musculoskeletal specialty care offices in a relatively wealthy, educated, White urban center in the United States [Table 1]. There is evidence that Black patients generally

have shorter visits, ask fewer questions, and participate less than their counterparts.^{14,15} Patients with lower incomes have been shown to ask fewer questions.¹¹ Therefore, it is possible that these populations could benefit more from a question prompt list than the people in our sample. Although the question list was not reviewed by the physician prior to each interaction, nor were they made aware of who received the list, the questions asked by patients may have alerted clinicians to patients who received the prompt list.

Table 2. Bivariate Analysis of Factors Associated with Receiving A Prompt List

Variable	Not Received	Received	P-value
	Mean $\pm$ SD	Mean $\pm$ SD	
Age	55 $\pm$ 17	51 $\pm$ 17	0.22
	Median (IQR)	Median (IQR)	
CARE Measure	50 (46.5-50)	50 (48-50)	0.69
Decision Conflict Score	5 (0-14)	4 (0-13)	0.86
PAM score	92.3(83.7-100)	92.3(80.8-100)	0.49
JSPPE Score	31 (27.5-35)	31 (26-34)	0.48
Gender	Percentage (Number)	Percentage (Number)	
Male	19% (28)	21%(30)	0.45
Female	33% (48)	27% (40)	
Race			
White	34% (49)	32% (46)	0.62
Hispanic	11% (16)	7% (11)	
Other	7% (11)	9% (13)	
Employment			
Employed	32% (46)	29% (42)	0.94
Retired/disabled/Student/homemaker	20% (30)	19% (28)	
Household Income			
<50K	18% (26)	14% (21)	0.43
50-99K	14% (21)	10% (15)	
100k and Above	20% (29)	23% (34)	
Education			
High School Degree and Less	9% (14)	9% (14)	0.38
College Degree	33% (48)	25% (37)	
Post College Graduate Degree	9% (14)	13% (19)	
Marital Status			
Married	34% (50)	28% (41)	0.42
Single	7% (11)	11% (16)	
Separated/Divorced/Widowed	10% (15)	9% (13)	
Diagnosis			
Trauma	40% (59)	37% (54)	0.94
Non Trauma	12% (17)	11% (16)	
Involved Area			
Upper Extremity	29% (42)	30% (44)	0.61
Lower Extremity	22% (32)	17% (25)	
Spine	1% (2)	0.5% (1)	

SD: Standard deviation, IQR: interquartile range, CARE: consultation and relational empathy, PAM: patient activation measure, JSPPE: Jefferson scale of patient perceptions of physician empathy

A study that intentionally made clinicians aware of whether or not patients received a question list might alter clinician behavior and result in different outcomes—a hypothesis that merits testing. The current study addressed how experience with specialty care might be altered when patients were more prepared and inquisitive.

The observation that there was no measured benefit to receiving a question list suggests that these tools may not be sufficient to improve patient-clinician communication and development of health strategies or that the tools we used to measure a difference were inadequate. A list that

prompts patients to ask about things that matter to them may or may not improve their connection with the surgeon and their perception of the clinician's empathy. Furthermore, experience measures (empathy and satisfaction) have known shortcomings as research tools, such as powerful ceiling effects and non-normal distributions.¹⁶ Other measures, such as anxiety regarding symptoms and trust in the clinician, might register a difference.^{14,16} A systematic review of studies of question prompt lists for patients receiving cancer care has demonstrated associations with increased question asking, decreased anxiety over time, and

Table 3. Bivariate Analysis of Factors Associated with Care Measure

Variable	Spearman Rho	P-value
Age	0.002	0.98
Decision Conflict Score	-0.29	<0.001
PAM score	0.24	0.002
JSPPPE Score	0.46	<0.001
Gender	Median (IQR)	
Male	49.5 (41-50)	0.04
Female	50 (48-50)	
Race		
White	50 (46-50)	0.23
Hispanic	50 (49-50)	
Other	50 (44.5-50)	
Employment		
Employed	50 (48-50)	0.67
Retired/disabled/Student/homemaker	50 (42-50)	
Household Income		
<50K	50 (46-50)	0.48
50-99K	50 (48-50)	
100k and Above	50 (47-50)	
Education		
High School Degree and Less	50 (43-50)	0.84
College Degree	50 (48-50)	
Post College Graduate Degree	50 (48-50)	
Marital Status		
Married	50 (43-50)	0.61
Single	50 (48-50)	
Separated/Divorced/Widowed	50 (48-50)	
Diagnosis		
Trauma	50 (48-50)	0.39
Non Trauma	50 (46-50)	
Involved Area		
Upper Extremity	50 (48-50)	0.56
Lower Extremity	50 (46-50)	
Spine	50 (48-50)	

SD: Standard deviation, IQR: interquartile range, CARE: consultation and relational empathy, PAM: patient activation measure, JSPPPE: Jefferson scale of patient perceptions of physician empathy

improved recall as subsequent visits,¹⁷ none of which were measured in this study. On the other hand, evidence suggests that a greater difference can be made by adjusting clinician tactics than by providing patients with tools. For instance, one trial in oncology randomized clinicians to train how to engage patients in care decisions or whether patients should receive a communication aid. They found that training clinicians had a large positive effect on independent observer ratings of the involvement of patients in decisions and a positive impact on patient's perception of their involvement. The patient communication aid did not improve feelings of involvement. Neither intervention affected satisfaction with the consultation or decisional con-

flict.¹⁸ There are important differences between cancer care, where treatment is necessary, and the potential harms of treatment are greater, and upper extremity specialty care, where most treatments are discretionary, which makes even small potential harms potentially more influential.

We are interested in developing tools and interventions to help patients explore what matters most to them (their values), correct any misconceptions about what tests and treatments offer, and allow patients to choose treatment and testing options most consistent with their values and priorities. Clinician variation in biases and priorities with regard to tests and treatment can be tempered through

Table 4. Bivariate Analysis of Factors Associated with PAM Score

Variable	Spearman Rho	P-value
Age	0.008	0.92
Decision Conflict Score	-0.57	<0.001
JSPPE Score	0.28	<0.001
Gender	Median (IQR)	
Male	91.34 (80.76-100)	0.38
Female	94.23 (82.69-100)	
Race		
White	90.38 (80.76-100)	0.22
Hispanic	94.23 (82.69-100)	
Other	95.19 (88.46-100)	
Employment		
Employed	92.30 (82.69-100)	0.72
Retired/disabled/Student/homemaker	93.26 (80.76-100)	
Household Income		
<50K	92.30 (80.76-100)	0.62
50-99K	92.30 (82.69-99.03)	
100k and Above	92.30 (82.69-100)	
Education		
High School Degree and Less	92.30 (83.65-100)	0.71
College Degree	92.30 (82.69-100)	
Post College Graduate Degree	92.30 (82.69-100)	
Marital Status		
Married	92.30 (80.76-100)	0.65
Single	90.38 (84.61-100)	
Separated/Divorced/Widowed	96.15 (86.53-100)	
Diagnosis		
Trauma	92.30 (82.69-100)	0.33
Non Trauma	94.23 (84.61-100)	
Involved Area		
Upper Extremity	92.30 (82.69-100)	0.68
Lower Extremity	94.23 (82.69-100)	
Spine	92.30 (75-92.31)	

SD: Standard deviation, IQR: interquartile range, CARE: consultation and relational empathy, PAM: patient activation measure, JSPPE: Jefferson scale of patient perceptions of physician empathy

shared decision-making with patient values. In future studies, we aim to target injuries based on acuity as we have acknowledged that patient preparation regarding questions they may ask and their anxiety around the clinical encounter will differ among patients. We found that—in a population of relatively socially advantaged people—a question list was not associated with lower decision conflict or greater perceived empathy, satisfaction, or agency. Future research can address the use of specific tools in less advantaged patients. Still, we think the current evidence may point to a need for tools and strategies that alter clinician behavior, perhaps by emphasizing guiding rather than directing patient approaches in a musculoskeletal specialty care visit.

DECLARATION OF CONFLICT OF INTEREST

The authors do not have any potential conflicts of interest pertinent to this manuscript.

DECLARATION OF FUNDING

The authors declare that no funds, grants, or other support were received during the preparation of this manuscript.

DECLARATION OF ETHICAL APPROVAL FOR STUDY

Approved by UT Austin IRB. IRB number: 2017-02-0122

Table 5. Bivariate Analysis of Factors Associated with Descional Conflict

Variable	Spearman Rho	P-value
Age	-0.02	0.8
JSPPE Score	-0.32	<0.001
Gender	Median (IQR)	
Male	5 (0-14)	0.69
Female	4 (0-13)	
Race		
White	4 (0-14)	0.68
Hispanic	4 (0-9)	
Other	4 (0-13)	
Employment		
Employed	5 (0-15)	0.33
Retired/disabled/Student/homemaker	4 (0-11)	
Household Income		
<50K	5 (0-13)	0.82
50-99K	3.5 (0-12.5)	
100k and Above	5 (0-15)	
Education		
High School Degree and Less	5 (0-14.5)	0.86
College Degree	4 (0-13)	
Post College Graduate Degree	5 (0-14)	
Marital Status		
Married	5 (0-14)	0.88
Single	4 (0-11)	
Separated/Divorced/Widowed	4 (0-12.5)	
Diagnosis		
Trauma	4 (0-14)	0.29
Non Trauma	4 (0-7)	
Involved Area		
Upper Extremity	4 (0-13)	0.79
Lower Extremity	5 (0-14)	
Spine	16 (0-16)	

SD: Standard deviation, IQR: interquartile range, CARE: consultation and relational empathy, PAM: patient activation measure, JSPPE: Jefferson scale of patient perceptions of physician empathy

DECLARATION OF INFORMED CONSENT

There is no information (names, initials, hospital identification numbers, or photographs) in the submitted manuscript that can be used to identify patients.

Submitted: April 02, 2025 EDT. Accepted: June 12, 2025 EDT.

Published: September 22, 2025 EDT.

Table 6. Bivariate Analysis of Factors Associated with JSPPPE

Variable	Spearman Rho	P-value
Age	0.09	0.8
Gender	Median (IQR)	
Male	30 (25-35)	0.18
Female	32 (27.5-34)	
Race		
White	31 (27-34)	0.47
Hispanic	31.5 (25-34.5)	
Other	32 (27-35)	
Employment		
Employed	31 (27-34)	0.93
Retired/disabled/Student/homemaker	31 (26-35)	
Household Income		
<50K	32 (27-35)	0.76
50-99K	29.5 (26-33)	
100k and Above	31 (28-35)	
Education		
High School Degree and Less	31.5 (26.5- 33.5)	0.65
College Degree	31 (27- 35)	
Post College Graduate Degree	31 (28- 34)	
Marital Status		
Married	31 (26- 34)	0.66
Single	31 (26- 35)	
Separated/Divorced/Widowed	32 (27.5-35)	
Diagnosis		
Trauma	31 (26-34)	0.25
Non Trauma	31 (28-35)	
Involved Area		
Upper Extremity	31 (26-34)	0.65
Lower Extremity	31 (27-35)	
Spine	33 (30 -35)	

SD: Standard deviation, IQR: interquartile range, CARE: consultation and relational empathy, PAM: patient activation measure, JSPPPE: Jefferson scale of patient perceptions of physician empathy



This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CCBY-4.0). View this license's legal deed at <http://creativecommons.org/licenses/by/4.0> and legal code at <http://creativecommons.org/licenses/by/4.0/legalcode> for more information.

REFERENCES

1. Cremers T, Zoulfi Khatiri M, van Maren K, Ring D, Teunis T, Fatehi A. Moderators and Mediators of Activity Intolerance Related to Pain. *J Bone Joint Surg Am.* 2021;103(3):205-212. doi:[10.2106/JBJS.20.00241](https://doi.org/10.2106/JBJS.20.00241)
2. Dekker AB, Teunis T, Schipper I, Ring D. Development of a Short Form of the Negative Pain Thoughts Questionnaire (NPTQ). *J Bone Joint Surg Am.* 2021;103(5):439-444. doi:[10.2106/JBJS.20.00571](https://doi.org/10.2106/JBJS.20.00571)
3. Miner H, Rijk L, Thomas J, Ring D, Reichel LM, Fatehi A. Mental-Health Phenotypes and Patient-Reported Outcomes in Upper-Extremity Illness. *J Bone Joint Surg Am.* 2021;103(15):1411-1416. doi:[10.2106/JBJS.20.01945](https://doi.org/10.2106/JBJS.20.01945)
4. Nunziato C, Fatehi A, Driscoll M, Koenig K, Ring D, Laverty D. Catastrophic Thinking and Pain Alleviation After Lower Extremity Surgery. *J Orthop Trauma.* 2021;35(3):e89-e95. doi:[10.1097/BOT.0000000000001917](https://doi.org/10.1097/BOT.0000000000001917)
5. Donthula D, Kortlever JTP, Ring D, Donovan E, Reichel LM, Vagner GA. Does Intolerance of Uncertainty Affect the Magnitude of Limitations or Pain Intensity? *Clin Orthop.* 2020;478(2):381-388. doi:[10.1097/CORR.0000000000001042](https://doi.org/10.1097/CORR.0000000000001042)
6. Fischerauer SF, Talaei-Khoei M, Vissers FL, Chen N, Vranceanu AM. Pain anxiety differentially mediates the association of pain intensity with function depending on the level of intolerance of uncertainty. *J Psychiatr Res.* 2018;97:30-37. doi:[10.1016/j.jpsychires.2017.11.006](https://doi.org/10.1016/j.jpsychires.2017.11.006)
7. Roe AK, Eppler SL, Shapiro LM, Satteson ES, Yao J, Kamal RN. Engaging Patients to Ask More Questions: What's the Best Way? A Pragmatic Randomized Controlled Trial. *J Hand Surg.* 2021;46(9):818.e1-818.e6. doi:[10.1016/j.jhssa.2021.02.001](https://doi.org/10.1016/j.jhssa.2021.02.001)
8. Hibbard JH, Stockard J, Mahoney ER, Tusler M. Development of the Patient Activation Measure (PAM): conceptualizing and measuring activation in patients and consumers. *Health Serv Res.* 2004;39(4 Pt 1):1005-1026. doi:[10.1111/j.1475-6773.2004.00269.x](https://doi.org/10.1111/j.1475-6773.2004.00269.x)
9. Yao F, Zheng M, Wang X, et al. Patient activation level and its associated factors in adults with chronic pain: A cross-sectional survey. *Medicine (Baltimore).* 2021;100(19):e25929. doi:[10.1097/MD.00000000000025929](https://doi.org/10.1097/MD.00000000000025929)
10. Brandes K, Butow PN, Tattersall MHN, et al. Advanced cancer patients' and caregivers' use of a Question Prompt List. *Patient Educ Couns.* 2014;97(1):30-37. doi:[10.1016/j.pec.2014.06.010](https://doi.org/10.1016/j.pec.2014.06.010)
11. Suurmond J, Seeleman C. Shared decision-making in an intercultural context. Barriers in the interaction between physicians and immigrant patients. *Patient Educ Couns.* 2006;60(2):253-259. doi:[10.1016/j.pec.2005.01.012](https://doi.org/10.1016/j.pec.2005.01.012)
12. Satteson ES, Roe AK, Eppler SL, Yao J, Shapiro LM, Kamal RN. Development and Testing of a Question Prompt List for Common Hand Conditions: An Exploratory Sequential Mixed-Methods Study. *J Hand Surg.* 2020;45(11):1087.e1-1087.e10. doi:[10.1016/j.jhssa.2020.05.015](https://doi.org/10.1016/j.jhssa.2020.05.015)
13. O'Connor AM. Validation of a decisional conflict scale. *Med Decis Mak Int J Soc Med Decis Mak.* 1995;15(1):25-30. doi:[10.1177/0272989X9501500105](https://doi.org/10.1177/0272989X9501500105)
14. Eggly S, Tkatch R, Penner LA, et al. Development of a question prompt list as a communication intervention to reduce racial disparities in cancer treatment. *J Cancer Educ Off J Am Assoc Cancer Educ.* 2013;28(2):282-289. doi:[10.1007/s13187-013-0456-2](https://doi.org/10.1007/s13187-013-0456-2)
15. Eggly S, Hamel LM, Foster TS, et al. Randomized trial of a question prompt list to increase patient active participation during interactions with black patients and their oncologists. *Patient Educ Couns.* 2017;100(5):818-826. doi:[10.1016/j.pec.2016.12.026](https://doi.org/10.1016/j.pec.2016.12.026)
16. Clayton JM, Butow PN, Tattersall MHN, et al. Randomized controlled trial of a prompt list to help advanced cancer patients and their caregivers to ask questions about prognosis and end-of-life care. *J Clin Oncol Off J Am Soc Clin Oncol.* 2007;25(6):715-723. doi:[10.1200/JCO.2006.06.7827](https://doi.org/10.1200/JCO.2006.06.7827)
17. Brandes K, Linn AJ, Butow PN, van Weert JCM. The characteristics and effectiveness of Question Prompt List interventions in oncology: a systematic review of the literature. *Psychooncology.* 2015;24(3):245-252. doi:[10.1002/pon.3637](https://doi.org/10.1002/pon.3637)
18. Henselmans I, Laarhoven HWM, Maarschalkerweerd P, et al. Effect of a Skills Training for Oncologists and a Patient Communication Aid on Shared Decision Making About Palliative Systemic Treatment: A Randomized Clinical Trial. *The Oncologist.* 2020;25(3). doi:[10.1634/theoncologist.2019-0453](https://doi.org/10.1634/theoncologist.2019-0453)