System features

First Author, Publication Year	System Name	System Type	Setting where Completed	Frequency of symptom reports	Reminders to Report Symptoms?	Educational Content Related to Symptoms or Cancer Diagnoses?*	Symptom Alerts Sent to Patient/Family?*	Symptom Alerts Sent to Clinicians?*	Compiled Reports Available for Patients?*	Compiled Reports Available for Clinicians?*
Abernethy, 2009 (55)	PACE System (Patient Assessment Care and Education)	Tablet computers	Clinic waiting area	Four times within six months	X	X		X		X
Andikyan, 2012 (56)	STAR (Symptom Tracking and Reporting for Patients)	Web-based	Home	At baseline and then weekly for 6 weeks	X		X	X		X
Basch, 2005 (57)	STAR (Symptom Tracking and Reporting)	Web-based	Clinic waiting area or at home	At all follow-up clinic visits for an 8-week time period (frequency of visits varied for each patient) as well as between visits if they desired (from home)	Only at clinic visits		X	X		X
Basch, 2007 (60)	STAR (Symptom Tracking and Reporting)	Web-based	Clinic waiting area or at home	At all follow-up clinic visits (frequency of visits varied for each patient) as well as between visits if they desired from home. Length of participation ranged from 1–72 weeks	Only at clinic visits		X	X	X	X
Basch, 2016 (38)	STAR (Symptom Tracking and Reporting)	Tablet computers	Home	At all follow-up clinic visits (frequency of visits varied for each patient) as well as between visits if they desired from home. Length of participation ranged from 1 week – 49 months	X		X	X		X
Basch, 2017A (61)	Patient-Reported Outcomes version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE)	Tablet computers	Clinic waiting area	At baseline, then weekly for 4 weeks, and at week 12	X					
Basch, 2017B (58)	Patient-Reported Outcomes version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE)	Tablet computers	Clinic waiting area	At 5 consecutive chemotherapy clinic visits	X					X
Basch, 2018 (59)	Patient-Reported Outcomes version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE)	Web-based or automated phone system	Home	At baseline, then weekly during the pre-operative period, and every 6 months post-operatively for 3 years	X					
Berry, 2014 (50)	Electronic Self-Report Assessment–Cancer (ESRA-C)	Tablet computers	Clinic waiting area or at home	At baseline, second time 3–6 weeks after initiation of treatment, third time 2 weeks after the 2nd questionnaire, and fourth time 2-4 weeks after the end of treatment	X	X	X		X	X
Bryant, 2020 (51)	Patient-Reported Outcomes version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE)	Web-based	Patient's room	Daily until discharge for the intervention group and on days 7, 10, and 14 for the control group	X			X		X
Cowan, 2016 (62)	STAR (Symptom Tracking and Reporting)	Web-based	Home	At baseline and then weekly for 6 weeks	X			X		
Fromme, 2016 (53)	N/A	Tablet computers	Clinic waiting area	Before their weekly clinic visit for 4 weeks	X				X	X
Graetz, 2018 (54)	Patient Care Monitor (PCM)	Web-based	Home	At baseline and off-study, but otherwise at patient's discretion during the 8-week study period	X			X		
Lucas, 2017 (63)	MUSIC (Michigan Urological Surgery Improvement Collaborative) PRO	Web-based	Home	2 weeks before surgery, 3 months after surgery, and 6 months after surgery	X					X
McCleary, 2013 (64)	Computer-Based Cancer-Specific Geriatric Assessment (CSGA)	Tablet computers	Clinic waiting area	At baseline and within 4 weeks of completing treatment (no more than 4 months later)	X				X	X
Snyder, 2013 (65)	Patient Viewpoint	Web-based	Clinic waiting area or at home	Every 2 weeks for up to 6 months	X					X
Stukenborg, 2014 (66)	Patient Reported Outcomes Measurement Information System (PROMIS)	Tablet computers	Clinic waiting area	At clinic visits over a 2-month period	X					
Tran, 2020 (67)	Strength Through Insight	Mobile health application	Home	Weekly for 12 weeks	App reminders set at patient's discretion					
Wolfe, 2014 (52)	PediQUEST (Pediatric Quality of Life and Evaluation of Symptoms Technology)	Tablet computers or phone (when necessary)	Clinic waiting area or patient's room	Once per week at clinic visits, or once per month (by phone) if no clinic visits	X			X	X	X
Wright, 2018 (68)	Beiwe Research Platform	Mobile health application and Fitbit wearable monitor	Clinic waiting area or at home	Daily for at least 30 days	X	X	X			
Frequency Reported					20	3	6	9	5	13

*Only system features that were discussed in the article are noted.