

Article name: Changes in psychosocial distress and the number and types of problems reported by patients with cancer when routine screening is integrated within cancer services

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Online Resource 1 The frequency and proportion of problems indicated on the Problem List, by quarter and screening occasion, with the percentages displayed within parentheses^a.

	Entire cohort (N=1,256 screening events)											
	Quarter 1 (N=173; 14%) 1,357 problems			Quarter 2 (N=311; 25%) 2,294 problems			Quarter 3 (N=395; 31%) 2,555 problems			Quarter 4 (N=377; 30%) 2,439 problems		
	IS (N=162)	SS (N=11)	Total	IS (N=222)	SS (N=89)	Total	IS (N=172)	SS (N=223)	Total	IS (N=104)	SS (N=273)	Total
	% of IS events in Q1 where this problem was indicated	% of SS events in Q1 where this problem was indicated	% of screening s in Q1 where this problem was indicated	% of IS events in Q2 where this problem was indicated	% of SS events in Q2 where this problem was indicated	% of screening s in Q2 where this problem was indicated	% of IS events in Q3 where this problem was indicated	% of SS events in Q3 where this problem was indicated	% of screenings in Q3 where this problem was indicated	% of IS events in Q4 where this problem was indicated	% of SS events in Q4 where this problem was indicated	% of screening s in Q4 where this problem was indicated
Emotional												
Depression	32 (19.8)	2 (18.2)	34 (19.7)	52 (23.4)	15 (16.9)	67 (21.5)	29 (16.9)	32 (14.3)	61 (15.4)	30 (28.8)	31 (11.4)	61 (16.2)
Fears	58 (35.8)	4 (36.4)	62 (35.8)	75 (33.8)	21 (23.6)	96 (30.9)	58 (33.7)	50 (22.4)	108 (27.3)	41 (39.4)	52 (19.0)	93 (24.7)
Nervousness	65 (40.1)	2 (18.2)	67 (38.7)	80 (36.0)	19 (21.3)	99 (31.8)	60 (34.9)	49 (22.0)	109 (27.6)	45 (43.3)	61 (22.3)	106 (28.1)
Sadness	48 (29.6)	1 (9.1)	49 (28.3)	92 (41.4)	24 (27.0)	116 (37.3)	53 (30.8)	53 (23.8)	106 (26.8)	40 (38.5)	55 (20.1)	95 (25.2)
Worry	83 (51.2)	4 (36.4)	87 (50.3)	116 (52.3)	36 (40.4)	152 (48.9)	75 (43.6)	91 (40.8)	166 (42.0)	56 (53.8)	113 (41.4)	169 (44.8)
Loss of interest in usual activities	48 (29.6)	4 (36.4)	52 (30.1)	72 (32.4)	18 (20.2)	90 (28.9)	42 (24.4)	44 (19.7)	86 (21.8)	40 (38.5)	42 (15.4)	82 (21.8)
Physical												
Appearance	36 (22.2)	1 (9.1)	37 (21.4)	52 (23.4)	17 (19.1)	69 (22.2)	31 (18.0)	35 (15.7)	66 (16.7)	22 (21.2)	40 (14.7)	62 (16.4)
Bathing/dressing	14 (8.6)	1 (9.1)	15 (8.7)	18 (8.1)	5 (5.6)	23 (7.4)	4 (2.3)	14 (6.3)	18 (4.6)	8 (7.7)	14 (5.1)	22 (5.8)
Breathing	27 (16.7)	3 (27.3)	30 (17.3)	43 (19.4)	15 (16.9)	58 (18.6)	38 (22.1)	28 (12.6)	66 (16.7)	11 (10.6)	32 (11.7)	43 (11.4)
Changes in urination	19 (11.7)	2 (18.2)	21 (12.1)	26 (11.7)	8 (9.0)	34 (10.9)	27 (15.7)	15 (6.7)	42 (10.6)	14 (13.5)	17 (6.2)	31 (8.2)

Constipation	39 (24.1)	2 (18.2)	41 (23.7)	52 (23.4)	16 (18.0)	68 (21.9)	39 (22.7)	32 (14.3)	71 (18.0)	23 (22.1)	37 (13.6)	60 (15.9)
Diarrhea	25 (15.4)	2 (18.2)	27 (15.6)	35 (15.8)	12 (13.5)	47 (15.1)	24 (14.0)	22 (9.9)	46 (11.6)	18 (17.3)	27 (9.9)	45 (11.9)
Eating	40 (24.7)	5 (45.5)	45 (26.0)	58 (26.1)	10 (11.2)	68 (21.9)	39 (22.7)	37 (16.6)	76 (19.2)	20 (19.2)	39 (14.3)	59 (15.6)
Fatigue	103 (63.6)	8 (72.7)	111 (64.2)	143 (64.4)	52 (58.4)	195 (62.7)	109 (63.4)	107 (48.0)	216 (54.7)	68 (65.4)	141 (51.6)	209 (55.4)
Feeling swollen	30 (18.5)	3 (27.3)	33 (19.1)	39 (17.6)	5 (5.6)	44 (14.1)	36 (20.9)	32 (14.3)	68 (17.2)	17 (16.3)	52 (19.0)	69 (18.3)
Fevers	7 (4.3)	0 (0.0)	7 (4.0)	17 (7.7)	4 (4.5)	21 (6.8)	11 (6.4)	8 (3.6)	19 (4.8)	8 (7.7)	13 (4.8)	21 (5.6)
Getting around	30 (18.5)	2 (18.2)	32 (18.5)	45 (20.3)	13 (14.6)	58 (18.6)	15 (8.7)	35 (15.7)	50 (12.7)	15 (14.4)	39 (14.3)	54 (14.3)
Indigestion	22 (13.6)	1 (9.1)	23 (13.3)	34 (15.3)	17 (19.1)	51 (16.4)	36 (20.9)	31 (13.9)	67 (17.0)	16 (15.4)	25 (9.2)	41 (10.9)
Memory/concentration	58 (35.8)	4 (36.4)	62 (35.8)	72 (32.4)	23 (25.8)	95 (30.5)	49 (28.5)	61 (27.4)	110 (27.8)	29 (27.9)	77 (28.2)	106 (28.1)
Mouth sores	26 (16.0)	2 (18.2)	28 (16.2)	22 (9.9)	6 (6.7)	28 (9.0)	26 (15.1)	15 (6.7)	41 (10.4)	9 (8.7)	14 (5.1)	23 (6.1)
Nausea	30 (18.5)	3 (27.3)	33 (19.1)	46 (20.7)	18 (20.2)	64 (20.6)	49 (28.5)	30 (13.5)	79 (20.0)	20 (19.2)	42 (15.4)	62 (16.4)
Nose dry/congested	40 (24.7)	0 (0.0)	40 (23.1)	24 (10.8)	15 (16.9)	39 (12.5)	25 (14.5)	49 (22.0)	74 (18.7)	24 (23.1)	63 (23.1)	87 (23.1)
Pain	47 (29.0)	6 (54.5)	53 (30.6)	68 (30.6)	20 (22.5)	88 (28.3)	46 (26.7)	69 (30.9)	115 (29.1)	34 (32.7)	75 (27.5)	109 (28.9)
Sexual	18 (11.1)	2 (18.2)	20 (11.6)	22 (9.9)	9 (10.1)	31 (10.0)	25 (14.5)	17 (7.6)	42 (10.6)	17 (16.3)	28 (10.3)	45 (11.9)
Skin dry/itchy	54 (33.3)	3 (27.3)	57 (32.9)	69 (31.1)	24 (27.0)	93 (29.9)	62 (36.0)	75 (33.6)	137 (34.7)	35 (33.7)	81 (29.7)	116 (30.8)
Sleep	73 (45.1)	7 (63.6)	80 (46.2)	96 (43.2)	33 (37.1)	129 (41.5)	68 (39.5)	69 (30.9)	137 (34.7)	48 (46.2)	95 (34.8)	143 (37.9)
Substance abuse	4 (2.5)	0 (0.0)	4 (2.3)	2 (0.9)	1 (1.1)	3 (1.0)	1 (0.6)	2 (0.9)	3 (0.8)	0 (0.0)	2 (0.7)	2 (0.5)
Tingling in hands/feet	44 (27.2)	3 (27.3)	47 (27.2)	45 (20.3)	20 (22.5)	65 (20.9)	44 (25.6)	57 (25.6)	101 (25.6)	31 (29.8)	98 (35.9)	129 (34.2)
Practical												
Child care	4 (2.5)	1 (9.1)	5 (2.9)	8 (3.6)	0 (0.0)	8 (2.6)	3 (1.7)	2 (0.9)	5 (1.3)	1 (1.0)	3 (1.1)	4 (1.1)
Housing	10 (6.2)	0 (0.0)	10 (5.8)	10 (4.5)	3 (3.4)	13 (4.2)	5 (2.9)	8 (3.6)	13 (3.3)	6 (5.8)	9 (3.3)	15 (4.0)
Insurance/financial	23 (14.2)	1 (9.1)	24 (13.9)	41 (18.5)	12 (13.5)	53 (17.0)	25 (14.5)	28 (12.6)	53 (13.4)	19 (18.3)	35 (12.8)	54 (14.3)
Transportation	15 (9.3)	1 (9.1)	16 (9.2)	15 (6.8)	8 (9.0)	23 (7.4)	13 (7.6)	10 (4.5)	23 (5.8)	8 (7.7)	12 (4.4)	20 (5.3)
Work/school	10 (6.2)	3 (27.3)	13 (7.5)	21 (9.5)	8 (9.0)	29 (9.3)	12 (7.0)	14 (6.3)	26 (6.6)	13 (12.5)	20 (7.3)	33 (8.8)
Treatment decisions	27 (16.7)	3 (27.3)	30 (17.3)	41 (18.5)	7 (7.9)	48 (15.4)	22 (12.8)	18 (8.1)	40 (10.1)	19 (18.3)	25 (9.2)	44 (11.7)
Social												

Dealing w children	12 (7.4)	0 (0.0)	12 (6.9)	24 (10.8)	4 (4.5)	28 (9.0)	8 (4.7)	11 (4.9)	19 (4.8)	11 (10.6)	21 (7.7)	32 (8.5)
Dealing w partner	16 (9.9)	1 (9.1)	17 (9.8)	21 (9.5)	8 (9.0)	29 (9.3)	16 (9.3)	14 (6.3)	30 (7.6)	13 (12.5)	18 (6.6)	31 (8.2)
Ability to have children	3 (1.9)	1 (9.1)	4 (2.3)	3 (1.4)	2 (2.2)	5 (1.6)	2 (1.2)	2 (0.9)	4 (1.0)	2 (1.9)	2 (0.7)	4 (1.1)
Family health issues	23 (14.2)	2 (18.2)	25 (14.5)	44 (19.8)	11 (12.4)	55 (17.7)	30 (17.4)	26 (11.7)	56 (14.2)	16 (15.4)	38 (13.9)	54 (14.3)
Spiritual/religious concerns	4 (2.5)	0 (0.0)	4 (2.3)	12 (5.4)	0 (0.0)	12 (3.9)	3 (1.7)	3 (1.3)	6 (1.5)	2 (1.9)	2 (0.7)	4 (1.1)

^a Q1= Quarter 1; Q2= Quarter 2; Q3= Quarter 3; Q4= Quarter 4; IS= Initial screening; SS= Subsequent screening.