Appendix 8: Item characteristics per medical condition - inpatient sample

Article: Through the patients' eyes - Psychometric evaluation of the Experienced Patient-Centeredness Questionnaire (EPAT-64)

Abbreviations:

- Card = Cardiovascular diseases
- Mus = Musloskeletal diseases
- Ment = Mental disorders

Christalle E, *et al. BMJ Qual Saf* 2024;0:1–14. doi: 10.1136/bmjqs-2024-017434

Dimension „Essential characteristics of the clinicians"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	The healthcare professionals were sensitive (for example they addressed my feelings, showed understanding, or empathized with my situation).	**5.1**	5.1	5.5	4.6	5.5	**1.2**	1.2	0.8	1.3	0.8
Item 2	The healthcare professionals behaved respectfully and appreciatively.	**5.5**	5.6	5.8	5.2	5.8	**0.9**	0.9	0.6	1.1	0.6
Item 3	The healthcare professionals were committed to finding a solution for my health concerns.	**5.3**	5.4	5.6	4.9	5.6	**1.0**	1.0	0.7	1.1	0.7
Item 4	If I wanted to, difficult topics were discussed directly and openly by the healthcare professionals (for example, long-term effects of the illness, life expectancy, or sexuality).	**4.7**	4.7	5.1	4.0	5.1	**1.5**	1.5	1.3	1.7	1.3

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**81.9**	82.5	89.0	71.6	89.0	**3.9%**	7.7%	2.3%	5.4%	2.3%	**0.8%**	0.7%	0.9%	1.1%	0.9%	**0.73**	0.61	0.67	0.76	0.67
Item 2	**89.5**	91.3	95.1	84.9	95.1	**0.2%**	0.0%	0.0%	1.1%	0.0%	**0.9%**	0.7%	1.2%	1.1%	1.2%	**0.75**	0.74	0.67	0.74	0.67
Item 3	**85.0**	88.1	91.3	78.7	91.3	**2.9%**	4.9%	2.1%	1.1%	2.1%	**1.1%**	1.0%	1.5%	0.0%	1.5%	**0.74**	0.67	0.70	0.64	0.70
Item 4	**74.7**	73.4	82.4	60.3	82.4	**30.3%**	39.5%	27.3%	33.7%	27.3%	**1.0%**	1.4%	1.2%	0.0%	1.2%	**0.65**	0.51	0.64	0.70	0.64

Dimension „Clinician-patient relationship"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I trusted my healthcare professionals.	**5.3**	5.4	5.6	4.9	5.6	**1.1**	1.0	0.8	1.3	0.8
Item 2	I felt I could confide in my healthcare professionals (for example, on intimate or difficult topics).	**4.9**	4.8	5.2	4.4	5.2	**1.3**	1.4	1.1	1.7	1.1
Item 3	I was able to talk to the healthcare professionals in a confidential setting (for example, in private, without anyone listening).	**4.8**	4.4	4.8	4.5	4.8	**1.6**	1.7	1.6	1.6	1.6
Item 4	The healthcare professionals knew about my medical history and my current health status.	**5.2**	5.3	5.4	5.0	5.4	**1.0**	1.0	0.8	1.1	0.8

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**86.3**	88.6	91.2	78.7	91.2	**1.2%**	2.4%	0.3%	2.2%	0.3%	**0.4%**	1.0%	0.3%	0.0%	0.3%	**0.71**	0.66	0.68	0.81	0.68
Item 2	**78.6**	76.8	84.1	68.3	84.1	**12.9%**	24.8%	8.8%	17.4%	8.8%	**0.8%**	1.7%	0.3%	1.1%	0.3%	**0.75**	0.72	0.70	0.78	0.70
Item 3	**75.4**	67.2	75.6	69.9	75.6	**12.6%**	23.4%	12.3%	3.3%	12.3%	**0.6%**	1.0%	0.3%	2.2%	0.3%	**0.52**	0.58	0.59	0.55	0.59
Item 4	**84.4**	85.6	88.5	79.2	88.5	**1.3%**	1.7%	1.2%	1.1%	1.2%	**0.5%**	1.4%	0.3%	0.0%	0.3%	**0.61**	0.66	0.55	0.58	0.55

Dimension „Patient as a unique person"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	My wishes, needs and expectations were asked and taken into account in the treatment.	**4.8**	4.8	5.1	4.3	5.1	**1.3**	1.4	1.2	1.6	1.2
Item 2	My healthcare professionals addressed me personally and did not treat me as just one of many patients.	**5.1**	5.2	5.4	4.5	5.4	**1.2**	1.1	0.9	1.5	0.9
Item 3	My personal health goals were asked and taken into account.	**4.1**	3.7	4.2	3.8	4.2	**1.7**	1.8	1.7	1.7	1.7
Item 4	It was asked and taken into account what opportunities and skills I can provide to support my health.	**3.7**	3.3	3.6	3.4	3.6	**1.7**	1.8	1.7	1.9	1.7

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**75.8**	76.9	81.5	65.2	81.5	**5.5%**	9.4%	5.9%	3.3%	5.9%	**0.9%**	1.0%	0.6%	0.0%	0.6%	**0.73**	0.60	0.74	0.86	0.74
Item 2	**82.0**	83.9	88.4	70.2	88.4	**1.6%**	2.8%	1.8%	0.0%	1.8%	**0.6%**	0.7%	0.3%	0.0%	0.3%	**0.58**	0.49	0.55	0.75	0.55
Item 3	**62.2**	54.1	64.1	56.8	64.1	**12.8%**	17.8%	16.4%	4.3%	16.4%	**0.9%**	1.0%	0.6%	0.0%	0.6%	**0.72**	0.68	0.76	0.77	0.76
Item 4	**53.9**	47.0	52.9	47.8	52.9	**14.5%**	22.0%	16.7%	6.5%	16.7%	**0.9%**	0.7%	0.3%	1.1%	0.3%	**0.63**	0.62	0.65	0.69	0.65

Dimension „Biopsychosocial perspective"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	My entire personal life was taken into account during the treatment (for example, job, family and friends, partnership and sexuality, culture and religion, age, or financial circumstances).	**3.8**	3.3	3.8	3.5	3.8	**1.8**	1.7	1.8	1.9	1.8
Item 2	I was asked how my condition affects my life.	**3.8**	3.5	3.6	3.9	3.6	**1.9**	1.9	1.9	1.9	1.9
Item 3	My entire medical history was asked and taken into account.	**4.9**	4.9	5.0	4.8	5.0	**1.4**	1.4	1.3	1.4	1.3
Item 4	I was informed about the interaction of physical, psychological, and social factors.	**3.4**	2.9	3.5	3.0	3.5	**1.8**	1.8	1.8	1.9	1.8

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**55.8**	45.8	55.3	49.1	55.3	**14.2%**	24.1%	15.8%	4.3%	15.8%	**0.8%**	0.3%	0.9%	2.2%	0.9%	**0.78**	0.77	0.80	0.77	0.80
Item 2	**57.0**	49.5	52.3	58.2	52.3	**10.2%**	14.7%	12.6%	4.3%	12.6%	**1.0%**	1.0%	1.5%	0.0%	1.5%	**0.71**	0.70	0.73	0.74	0.73
Item 3	**78.2**	78.2	80.5	76.2	80.5	**4.9%**	6.3%	6.2%	2.2%	6.2%	**0.6%**	0.3%	0.9%	1.1%	0.9%	**0.53**	0.52	0.52	0.63	0.52
Item 4	**48.5**	38.0	49.1	40.5	49.1	**13.0%**	19.6%	14.4%	8.7%	14.4%	**0.9%**	0.7%	0.9%	1.1%	0.9%	**0.72**	0.69	0.74	0.79	0.74

Dimension „Clinician-patient communication"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was given enough time to describe my concerns and my situation (for example, medical history or current symptoms).	**5.2**	5.3	5.5	4.8	5.5	**1.1**	1.0	0.9	1.3	0.9
Item 2	The healthcare professionals used terms that were easy to understand.	**5.2**	5.1	5.3	4.9	5.3	**1.1**	1.1	0.9	1.4	0.9
Item 3	The healthcare professionals looked at me and listened carefully during our conversation.	**5.5**	5.5	5.7	5.1	5.7	**0.9**	0.8	0.7	1.2	0.7
Item 4	The healthcare professionals ensured that I understood correctly what was explained to me.	**5.0**	5.2	5.2	4.5	5.2	**1.2**	1.2	1.0	1.5	1.0

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**85.0**	87.0	89.9	76.5	89.9	**2.8%**	2.1%	5.3%	0.0%	5.3%	**0.5%**	0.3%	0.9%	0.0%	0.9%	**0.72**	0.71	0.69	0.81	0.69
Item 2	**83.7**	81.9	86.8	78.0	86.8	**0.5%**	0.7%	0.6%	0.0%	0.6%	**0.5%**	0.3%	0.9%	0.0%	0.9%	**0.67**	0.73	0.63	0.70	0.63
Item 3	**89.6**	90.7	93.2	81.5	93.2	**0.2%**	0.3%	0.3%	0.0%	0.3%	**0.4%**	0.3%	0.9%	0.0%	0.9%	**0.74**	0.80	0.68	0.68	0.68
Item 4	**80.2**	83.3	84.7	70.4	84.7	**2.3%**	3.1%	2.1%	0.0%	2.1%	**0.9%**	0.7%	1.8%	0.0%	1.8%	**0.71**	0.72	0.72	0.67	0.72

Dimension „Integration of medical and non-medical care"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was asked if I use or would like to use additional services (for example, support groups, counseling, health courses, complementary and alternative medicine, or spiritual support/pastoral care).	**3.4**	2.5	3.8	2.8	3.8	**2.0**	1.8	2.0	1.8	2.0
Item 2	If I used or wanted to use additional services, it was accepted.	**4.3**	3.2	4.7	3.8	4.7	**1.8**	1.9	1.7	2.0	1.7
Item 3	The healthcare professionals informed me about the advantages and disadvantages of additional services.	**3.3**	2.9	3.6	2.7	3.6	**1.9**	1.9	2.0	2.0	2.0
Item 4	If necessary, I was given specific contacts where I could get information about additional offers.	**3.6**	2.8	4.0	3.0	4.0	**2.0**	1.9	2.0	2.1	2.0

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**48.7**	30.0	56.8	35.5	56.8	**25.8%**	43.7%	21.4%	21.7%	21.4%	**1.5%**	1.0%	2.3%	1.1%	2.3%	**0.81**	0.85	0.82	0.86	0.82
Item 2	**65.8**	43.3	74.8	55.1	74.8	**56.7%**	68.9%	63.9%	51.1%	63.9%	**2.6%**	3.8%	3.2%	0.0%	3.2%	**0.85**	0.95	0.87	0.80	0.87
Item 3	**46.1**	38.3	51.5	34.8	51.5	**40.9%**	51.0%	44.6%	33.7%	44.6%	**2.4%**	2.8%	3.5%	0.0%	3.5%	**0.81**	0.88	0.83	0.85	0.83
Item 4	**52.4**	35.8	59.4	39.6	59.4	**42.3%**	53.1%	47.8%	40.2%	47.8%	**2.7%**	3.8%	3.2%	0.0%	3.2%	**0.84**	0.90	0.88	0.83	0.88

Dimension „Teamwork and teambuilding"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	The processes within the team were well organized.	**5.1**	5.2	5.4	4.9	5.4	**1.1**	1.1	0.9	1.2	0.9
Item 2	The entire care team was responsible and approachable for me.	**5.1**	5.2	5.4	4.8	5.4	**1.2**	1.1	0.8	1.3	0.8
Item 3	The care team exchanged information about my current health status (for example, everyone was informed about test results).	**5.0**	5.1	5.3	4.6	5.3	**1.2**	1.1	0.9	1.5	0.9
Item 4	Various healthcare professionals within the care team have given me contradictory information.	**4.8**	5.0	5.2	4.2	5.2	**1.6**	1.5	1.3	1.7	1.3

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**81.8**	83.9	88.6	78.0	88.6	**1.2%**	1.4%	0.3%	3.3%	0.3%	**1.0%**	1.4%	0.6%	1.1%	0.6%	**0.72**	0.72	0.66	0.74	0.66
Item 2	**82.2**	84.4	89.0	75.3	89.0	**1.4%**	2.1%	0.6%	2.2%	0.6%	**1.2%**	2.1%	0.6%	1.1%	0.6%	**0.71**	0.66	0.66	0.63	0.66
Item 3	**80.5**	82.3	86.9	72.0	86.9	**3.0%**	4.5%	2.3%	3.3%	2.3%	**1.6%**	2.1%	1.8%	2.2%	1.8%	**0.70**	0.67	0.68	0.72	0.68
Item 4	**75.3**	79.0	83.6	63.1	83.6	**7.5%**	10.1%	7.3%	7.6%	7.3%	**1.2%**	1.4%	1.5%	1.1%	1.5%	**0.41**	0.35	0.39	0.28	0.39

Dimension „Access to care"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	If I wanted to speak to a physician, they were easily accessible.	**4.8**	4.9	5.2	4.5	5.2	**1.2**	1.2	1.0	1.4	1.0
Item 2	If my inpatient stay was scheduled, I received an appointment in time.	**5.4**	5.6	5.7	5.3	5.7	**1.1**	0.9	0.8	1.2	0.8
Item 3	If my inpatient stay was scheduled, I could easily get an appointment (for example via phone, mail, or website)	**5.2**	5.3	5.5	5.1	5.5	**1.3**	1.2	1.0	1.3	1.0
Item 4	If I rang the bell for the nurse, I was helped quickly.	**5.5**	5.5	5.7	5.3	5.7	**0.9**	0.9	0.6	1.0	0.6

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**76.2**	78.0	83.5	69.5	83.5	**6.6%**	9.8%	5.6%	6.5%	5.6%	**1.0%**	1.0%	1.5%	0.0%	1.5%	**0.54**	0.55	0.54	0.39	0.54
Item 2	**88.4**	91.9	93.2	85.9	93.2	**18.2%**	22.4%	13.2%	19.6%	13.2%	**0.9%**	1.4%	1.2%	0.0%	1.2%	**0.61**	0.46	0.63	0.43	0.63
Item 3	**83.3**	86.1	89.5	82.4	89.5	**30.4%**	43.4%	22.9%	26.1%	22.9%	**1.9%**	3.5%	2.1%	0.0%	2.1%	**0.64**	0.44	0.69	0.50	0.69
Item 4	**89.0**	89.7	93.3	86.0	93.3	**20.0%**	9.8%	10.9%	31.5%	10.9%	**1.0%**	1.4%	1.2%	0.0%	1.2%	**0.54**	0.56	0.41	0.46	0.41

Dimension „Coordination and continuity of care"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	It was discussed with me whether follow-up appointments would be useful (for example, for aftercare or further treatment).	**5.0**	5.0	5.3	4.8	5.3	**1.4**	1.4	1.2	1.5	1.2
Item 2	I was explained how long I will approximately have to wait and why.	**4.2**	4.1	4.6	4.0	4.6	**1.6**	1.7	1.5	1.8	1.5
Item 3	The healthcare professionals took enough time for me.	**5.1**	5.2	5.4	4.9	5.4	**1.1**	1.1	0.9	1.1	0.9
Item 4	If required, my follow-up appointments were arranged or it was explained how I could arrange follow-up appointments myself (for example for aftercare or further treatment).	**4.8**	4.8	5.3	4.4	5.3	**1.4**	1.5	1.1	1.6	1.1

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**80.0**	79.9	86.3	75.1	86.3	**7.2%**	8.4%	7.3%	2.2%	7.3%	**1.0%**	1.4%	1.2%	1.1%	1.2%	**0.50**	0.43	0.42	0.46	0.42
Item 2	**64.7**	61.3	71.5	59.3	71.5	**9.0%**	7.7%	9.1%	6.5%	9.1%	**1.4%**	1.7%	1.2%	1.1%	1.2%	**0.53**	0.48	0.51	0.57	0.51
Item 3	**82.5**	83.7	89.0	78.0	89.0	**0.5%**	1.4%	0.0%	1.1%	0.0%	**0.5%**	0.7%	0.6%	1.1%	0.6%	**0.65**	0.56	0.58	0.66	0.58
Item 4	**76.1**	75.6	85.2	68.9	85.2	**6.7%**	5.6%	5.3%	12.0%	5.3%	**1.7%**	1.4%	2.1%	2.2%	2.1%	**0.63**	0.53	0.52	0.74	0.52

Dimension „Patient safety"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was encouraged to speak up if I noticed inconsistencies in my treatment.	**4.1**	4.1	4.3	3.7	4.3	**1.7**	1.7	1.8	1.8	1.8
Item 2	I was examined thoroughly and carefully.	**5.3**	5.5	5.6	5.1	5.6	**1.0**	0.8	0.7	1.2	0.7
Item 3	When I was prescribed new medication, I was asked what other medication I am taking and whether I have any intolerances.	**5.2**	5.2	5.4	5.0	5.4	**1.3**	1.2	1.1	1.5	1.1
Item 4	I was informed about whom to contact if there was an inconsistency in my treatment or if I wanted to file a complaint.	**2.9**	2.7	3.0	2.6	3.0	**1.8**	1.8	1.9	1.8	1.9

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**61.9**	62.0	65.5	53.5	65.5	**14.2%**	15.0%	19.1%	8.7%	19.1%	**1.2%**	1.0%	1.5%	1.1%	1.5%	**0.65**	0.63	0.65	0.66	0.65
Item 2	**86.9**	90.8	92.8	83.0	92.8	**1.0%**	0.3%	0.9%	1.1%	0.9%	**2.3%**	1.4%	3.2%	4.3%	3.2%	**0.47**	0.41	0.39	0.56	0.39
Item 3	**84.1**	84.9	88.7	80.7	88.7	**13.1%**	9.8%	15.0%	8.7%	15.0%	**1.1%**	0.3%	1.2%	2.2%	1.2%	**0.50**	0.49	0.40	0.59	0.40
Item 4	**37.8**	33.8	40.5	31.9	40.5	**17.1%**	17.8%	22.0%	13.0%	22.0%	**1.3%**	1.4%	1.5%	1.1%	1.5%	**0.49**	0.47	0.44	0.53	0.44

Dimension „Patient information"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I received information about my condition from my healthcare professionals (for example, causes, symptoms, effects or course).	**4.6**	4.8	4.7	4.4	4.7	**1.5**	1.4	1.4	1.7	1.4
Item 2	I was asked what I already know about my condition.	**4.1**	4.3	4.2	3.9	4.2	**1.8**	1.7	1.7	1.9	1.7
Item 3	The significance of my test results was explained to me.	**4.8**	4.8	5.1	4.6	5.1	**1.5**	1.4	1.2	1.7	1.2
Item 4	I was asked what I would like to know about my condition.	**4.2**	4.4	4.4	3.9	4.4	**1.8**	1.7	1.7	1.9	1.7

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**72.1**	76.6	73.7	68.1	73.7	**6.4%**	5.2%	7.9%	5.4%	7.9%	**1.3%**	1.4%	1.8%	1.1%	1.8%	**0.72**	0.72	0.68	0.77	0.68
Item 2	**62.3**	65.7	63.6	58.9	63.6	**6.6%**	8.0%	7.0%	5.4%	7.0%	**0.8%**	1.7%	0.6%	0.0%	0.6%	**0.65**	0.66	0.63	0.67	0.63
Item 3	**75.1**	76.9	82.9	71.0	82.9	**4.6%**	2.1%	4.7%	3.3%	4.7%	**1.2%**	1.4%	1.8%	0.0%	1.8%	**0.63**	0.64	0.58	0.72	0.58
Item 4	**63.0**	68.2	68.9	57.2	68.9	**8.9%**	10.8%	8.8%	6.5%	8.8%	**1.4%**	1.7%	1.8%	0.0%	1.8%	**0.68**	0.61	0.63	0.77	0.63

Dimension „Patient involvement in care"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was an equal partner with my healthcare professionals (for example, in making decisions or sharing information).	**4.8**	4.8	5.2	4.4	5.2	**1.3**	1.3	1.0	1.5	1.0
Item 2	I was informed about various treatment options and their advantages and disadvantages.	**4.4**	4.3	5.0	4.1	5.0	**1.7**	1.7	1.4	1.8	1.4
Item 3	I was able to participate in the decision-making process as much as I wanted to.	**4.3**	4.1	4.7	4.0	4.7	**1.7**	1.7	1.6	1.8	1.6
Item 4	When deciding about treatment, it was taken into account what is particularly important to me.	**4.3**	4.0	4.7	4.1	4.7	**1.6**	1.8	1.5	1.7	1.5

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**75.8**	75.1	83.6	68.5	83.6	**4.4%**	7.3%	3.8%	2.2%	3.8%	**1.8%**	2.1%	2.6%	1.1%	2.6%	**0.66**	0.51	0.64	0.76	0.64
Item 2	**68.8**	66.7	80.4	62.7	80.4	**16.4%**	21.0%	15.8%	10.9%	15.8%	**0.8%**	0.0%	1.5%	1.1%	1.5%	**0.70**	0.67	0.69	0.68	0.69
Item 3	**65.6**	62.2	74.1	60.2	74.1	**18.6%**	25.9%	19.1%	7.6%	19.1%	**1.5%**	0.7%	2.9%	1.1%	2.9%	**0.78**	0.74	0.82	0.80	0.82
Item 4	**66.9**	60.0	74.3	62.6	74.3	**18.5%**	26.6%	21.7%	7.6%	21.7%	**1.7%**	2.1%	2.3%	1.1%	2.3%	**0.76**	0.77	0.78	0.73	0.78

Dimension „Involvement of family and friends"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was informed about the options for involving my family members in the treatment (for example, accompanying to appointments, participating in conversations, or assisting with medication intake).	**3.3**	3.3	3.4	2.7	3.4	**1.9**	2.0	1.9	1.8	1.9
Item 2	If I wanted to, my relatives were asked how much they wanted to be involved in my treatment.	**3.1**	3.3	3.2	2.8	3.2	**1.9**	2.0	1.9	1.9	1.9
Item 3	My relatives were given as much information about my condition and my treatment as I wanted to.	**4.1**	4.3	4.5	3.4	4.5	**1.9**	1.9	1.8	1.9	1.8
Item 4	My relatives were involved in my treatment as much as I wanted them to be.	**4.0**	4.1	4.2	3.4	4.2	**1.9**	2.0	1.9	2.0	1.9

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**46.0**	45.4	48.7	33.0	48.7	**29.6%**	39.2%	30.5%	28.3%	30.5%	**1.0%**	1.0%	1.2%	0.0%	1.2%	**0.75**	0.74	0.76	0.77	0.76
Item 2	**42.8**	45.6	43.5	35.0	43.5	**50.2%**	53.8%	50.4%	43.5%	50.4%	**1.4%**	2.1%	1.5%	0.0%	1.5%	**0.82**	0.87	0.79	0.78	0.79
Item 3	**62.4**	65.2	70.2	47.3	70.2	**40.3%**	46.2%	37.0%	40.2%	37.0%	**1.4%**	1.4%	1.5%	0.0%	1.5%	**0.80**	0.81	0.77	0.77	0.77
Item 4	**59.5**	61.3	64.2	48.0	64.2	**43.0%**	50.3%	41.1%	40.2%	41.1%	**1.9%**	2.1%	2.3%	0.0%	2.3%	**0.85**	0.86	0.88	0.82	0.88

Dimension „Patient empowerment"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	I was encouraged to improve my health by changing my behavior (for example, through diet, exercise, reducing tobacco or alcohol).	**4.0**	3.8	3.8	3.6	3.8	**1.7**	1.8	1.8	1.7	1.8
Item 2	I was encouraged to ask questions.	**4.8**	4.8	5.0	4.2	5.0	**1.4**	1.4	1.2	1.6	1.2
Item 3	I was explained where to find understandable and scientifically based information about my health.	**3.3**	3.0	3.6	3.1	3.6	**1.7**	1.7	1.7	1.8	1.7
Item 4	If needed, realistic goals for my health were agreed upon (for example, going for a walk every day, eating fruits every day).	**3.7**	3.4	3.7	3.4	3.7	**1.8**	1.9	1.8	1.7	1.8

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**60.8**	56.0	56.5	52.6	56.5	**25.8%**	29.0%	34.0%	20.7%	34.0%	**0.5%**	0.3%	1.2%	0.0%	1.2%	**0.67**	0.71	0.70	0.67	0.70
Item 2	**75.0**	76.8	79.8	63.8	79.8	**4.8%**	8.0%	4.7%	2.2%	4.7%	**1.1%**	0.7%	1.8%	1.1%	1.8%	**0.47**	0.43	0.50	0.47	0.50
Item 3	**46.3**	40.8	51.5	42.4	51.5	**16.6%**	24.5%	15.5%	10.9%	15.5%	**1.5%**	1.4%	2.1%	0.0%	2.1%	**0.61**	0.58	0.66	0.60	0.66
Item 4	**54.7**	48.6	53.8	48.8	53.8	**29.1%**	34.6%	34.9%	25.0%	34.9%	**1.0%**	0.7%	1.8%	1.1%	1.8%	**0.73**	0.73	0.76	0.66	0.76

Dimension „Physical support"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	When I had pain, I was helped quickly.	**5.4**	5.6	5.7	4.9	5.7	**1.0**	0.8	0.7	1.3	0.7
Item 2	If I had physical complaints, I was helped quickly (for example with nausea or restlessness).	**5.2**	5.4	5.6	4.8	5.6	**1.1**	0.9	0.8	1.3	0.8
Item 3	I was examined and treated cautiously (for example when giving injections, changing dressings, or washing).	**5.5**	5.5	5.7	5.0	5.7	**0.9**	0.9	0.6	1.3	0.6
Item 4	If needed, I was asked whether I needed help with everyday tasks (for example, from a care service, home help, or walking frames).	**4.2**	4.2	4.5	4.2	4.5	**1.8**	1.9	1.8	1.9	1.8

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**87.1**	91.3	94.0	77.0	94.0	**19.4%**	23.8%	17.0%	5.4%	17.0%	**0.8%**	1.4%	0.6%	0.0%	0.6%	**0.71**	0.70	0.54	0.67	0.54
Item 2	**84.9**	88.4	92.2	76.3	92.2	**23.8%**	28.3%	23.8%	22.8%	23.8%	**0.5%**	0.7%	0.6%	0.0%	0.6%	**0.71**	0.60	0.56	0.74	0.56
Item 3	**89.1**	89.5	94.2	80.7	94.2	**5.8%**	2.1%	1.8%	12.0%	1.8%	**0.3%**	0.0%	0.6%	0.0%	0.6%	**0.57**	0.47	0.46	0.51	0.46
Item 4	**64.4**	63.2	70.5	64.3	70.5	**48.2%**	51.7%	48.7%	28.3%	48.7%	**0.6%**	0.3%	0.6%	1.1%	0.6%	**0.45**	0.44	0.21	0.64	0.21

Dimension „Emotional support"

		mean					standard deviation				
	Item	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	The healthcare professionals addressed my fears and concerns (for example, by showing understanding and providing encouragement).	**4.4**	4.1	4.7	3.6	4.7	**1.6**	1.7	1.4	1.8	1.4
Item 2	I had the opportunity to talk to my healthcare professionals about my feelings.	**4.3**	3.8	4.5	3.2	4.5	**1.7**	1.8	1.6	1.7	1.6
Item 3	I was encouraged to talk about my feelings.	**3.7**	3.1	3.5	2.6	3.5	**1.8**	1.7	1.8	1.7	1.8
Item 4	I was asked whether I would like psychological support (for example, psychological counselling, psychotherapy, or pastoral care).	**3.9**	2.6	4.7	2.3	4.7	**2.0**	1.8	1.8	1.8	1.8

	item difficulty					'does not concern me'					no reply					item total correlation				
	All	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment	**All**	Card	Cancer	Mus	Ment
Item 1	**68.8**	62.3	74.5	51.3	74.5	**15.9%**	25.2%	17.9%	14.1%	17.9%	**1.5%**	0.7%	2.6%	1.1%	2.6%	**0.76**	0.74	0.73	0.76	0.73
Item 2	**66.4**	55.4	69.9	43.6	69.9	**18.3%**	28.7%	20.5%	18.5%	20.5%	**1.4%**	1.7%	1.2%	2.2%	1.2%	**0.84**	0.87	0.76	0.82	0.76
Item 3	**53.7**	41.3	50.7	31.1	50.7	**19.5%**	30.4%	21.1%	20.7%	21.1%	**1.7%**	1.4%	2.3%	1.1%	2.3%	**0.79**	0.86	0.72	0.78	0.72
Item 4	**57.9**	31.2	74.6	25.9	74.6	**23.4%**	39.2%	13.5%	25.0%	13.5%	**1.0%**	0.7%	1.2%	1.1%	1.2%	**0.63**	0.59	0.48	0.69	0.48