

Patient and physician expectations regarding disease and treatment of advanced HCC: The prospective PERCEPTION1 study

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Fig. S1. Flowchart of the study.

Flow chart

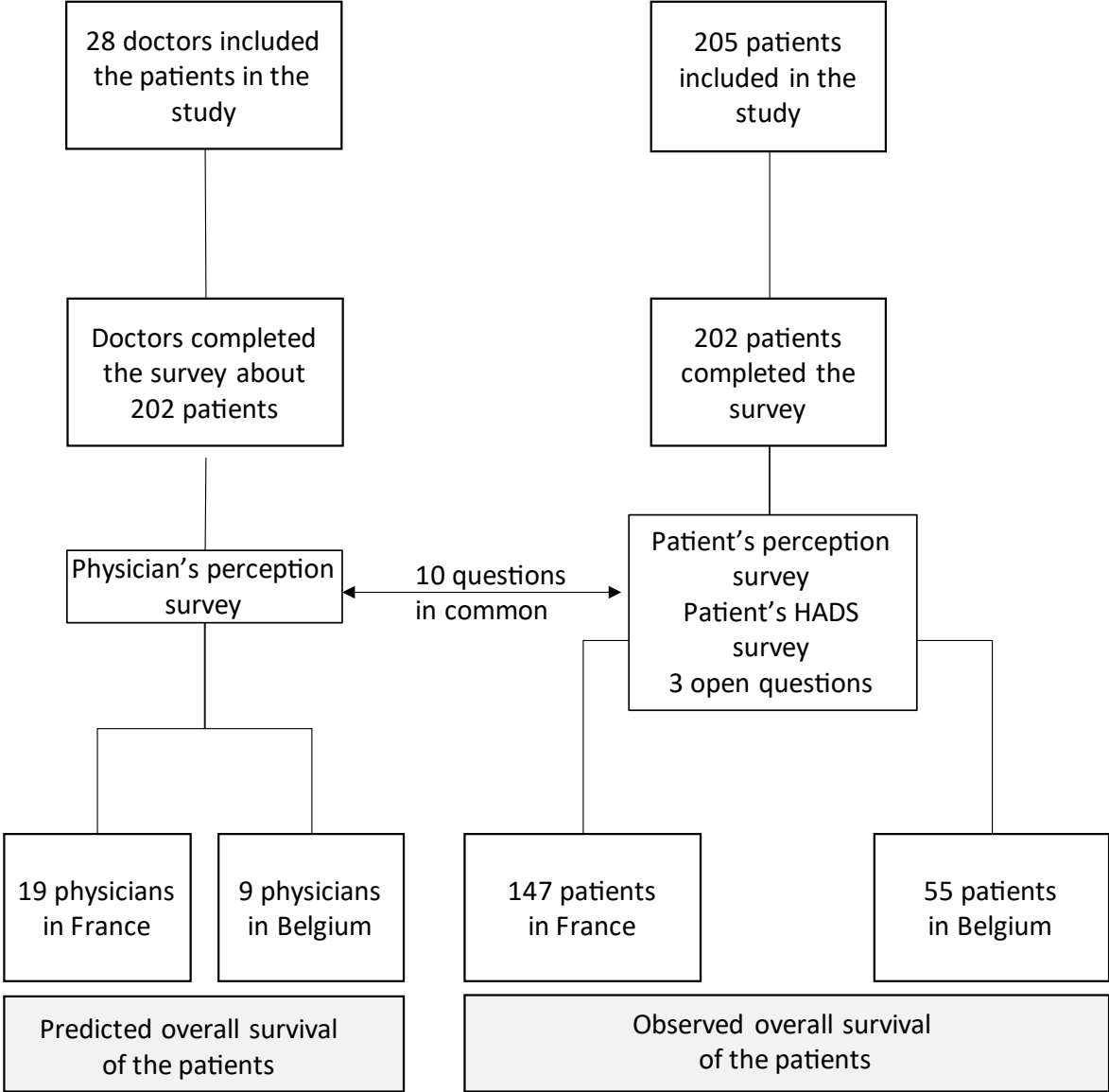


Table S1: Description of the physicians including patients in the PERCEPTION1 study

	Total N= 28 physicians	Belgium N= 9 physicians	France N= 19 physicians
Gender*			
Male	13 (46.4%)	7 (77.8%)	6 (31.6%)
Female	15 (53.6%)	2 (22.2%)	13 (68.4%)
Age of the physician (year olds)[§]	43.0 [38.0;50.2]	51.0 [43.0;53.0]	41.0 [37.5;48.0]
Medical Specialty*			
Hepato-gastroenterology	26 (92.9%)	7 (77.8%)	19 (100.0%)
Medical oncology	2 (7.1%)	2 (22.2%)	0 (0%)
Date of medical graduation*			
Less than 5 years	7 (25.0%)	0 (0%)	7 (36.8%)
Between 5 and 10 years	6 (21.4%)	2 (22.2%)	4 (21.1%)
Between 10 and 20 years	8 (28.6%)	3 (33.3%)	5 (26.3%)
Between 20 and 30 years	6 (21.4%)	4 (44.4%)	2 (10.5%)
More than 30 years	1 (3.6%)	0 (0%)	1 (5.3%)
Numbers of patients treated for HCC each years*			
Less than 5	0 (0%)	0 (0%)	0 (0%)
Between 5 and 20	9 (32.1%)	7 (77.8%)	2 (10.5%)
Between 20 and 50	5 (17.9%)	0 (0.0%)	5 (26.3%)
Between 50 and 100	6 (21.4%)	1 (11.1%)	5 (26.3%)
More than 100	8 (28.6%)	1 (11.1%)	7 (36.8%)

*numbers (percentage) [§] median (interquartile range)

HCC = hepatocellular carcinoma

Table S2: Results of the physician's survey

	Total N= 205 patients	Belgium N= 55 patients	France N= 150 patients	p	Available data
Survey completed *	202 (98.5%)	54 (98.2%)	148 (98.7%)	-	205
Consultation for the announcement of cancer's treatment					
1. Length of the consultation - minutes^S	30.0 [25.0;35.0]	30.0 [20.0;35.0]	30.0 [25.0;36.2]	0.06	197
2. Patient accompanied during the consultation*					
No; alone during the consultation	98 (48.5%)	21 (38.9%)	77 (52.0%)	0.19	202
Yes, by their spouse or another family member	102 (50.5%)	33 (61.1%)	69 (46.6%)		
Yes, by a friend	2 (1.0%)	0 (0%)	2 (1.4%)		
3. Presence of a dedicated nurse during the consultation*					
During the consultation	46 (22.8%)	16 (29.6%)	30 (20.3%)	0.001	202
After the consultation only	95 (47.0%)	14 (25.9%)	81 (54.7%)		
No consultation nurse	61 (30.2%)	24 (44.4%)	37 (25.0%)		
4. Do you feel you had enough time to discuss your patient's illness? **					
Yes, completely	91 (45.0%)	28 (51.9%)	63 (42.6%)	0.26	202
Yes, somewhat	100 (49.5%)	22 (40.7%)	78 (52.7%)		
No, not really	11 (5.4%)	4 (7.4%)	7 (4.7%)		
No, not at all	0 (0%)	0 (0%)	0 (0%)		
5. Do you think the patient understood what their treatment will involve based on the explanations you provided and the terms used? **					
Yes, completely	56 (27.7%)	18 (33.3%)	38 (25.7%)	0.14	202
Yes, somewhat	129 (63.9%)	29 (53.7%)	100 (67.6%)		
No, not really	17 (8.4%)	7 (13.0%)	10 (6.8%)		
No, not at all	0 (0%)	0 (0%)	0 (0%)		
6. Do you think you were attentive enough to all the requests the patient wanted to express? **					
Yes, completely	64 (31.7%)	27 (50.0%)	37 (25.0%)	0.002	202
Yes, somewhat	132 (65.3%)	25 (46.3%)	107 (72.3%)		
No, not really	6 (3.0%)	2 (3.7%)	4 (2.7%)		
No, not at all	0 (0%)	0 (0%)	0 (0%)		
7. How did you inform the patient about the possibility of experiencing side effects related to the prescribed treatment? **					
In detail	81 (40.5%)	29 (54.7%)	52 (35.4%)	0.03	200
Partially, briefly	113 (56.5%)	24 (45.3%)	89 (60.5%)		
I did not mention it	6 (3.0%)	0 (0%)	6 (4.1%)		
8. Did you provide an estimation of life expectancy? **					
Yes, precisely	13 (6.5%)	5 (9.4%)	8 (5.4%)	0.001	201
Yes, vaguely	87 (43.3%)	33 (62.3%)	54 (36.5%)		
No, not at all	101 (50.2%)	15 (28.3%)	86 (58.1%)		
9. Do you think the patient trusts your judgment and the treatment you have proposed? **					
Yes, completely	50 (25.0%)	24 (45.3%)	26 (17.7%)	<0.001	200

	Total N= 205 patients	Belgium N= 55 patients	France N= 150 patients	p	Available data
Yes, somewhat	141 (70.5%)	27 (50.9%)	114 (77.6%)		
No, not really	4 (2.0%)	0 (0%)	4 (2.7%)		
No, not at all	1 (0.5%)	0 (0%)	1 (0.7%)		
I don't know	4 (2.0%)	2 (3.8%)	2 (1.4%)		
Understanding of the illness					
1. In your opinion, which option best corresponds to your patient's perception of their illness?*					
Accurate perception of the diagnosis	74 (36.8%)	11 (20.8%)	63 (42.6%)	0.01	201
Partially accurate perception	122 (60.7%)	40 (75.5%)	82 (55.4%)		
Inaccurate perception of the diagnosis	5 (2.5%)	2 (3.8%)	3 (2.0%)		
2. Do you think your patient has realistic expectations regarding the prescribed treatment?*					
Yes	158 (78.6%)	31 (58.5%)	127 (85.8%)	<0.001	201
3. Do you think the patient's perception of the progression of their illness and overall condition over the next 12 months is realistic? *					
Yes	119 (61.0%)	27 (50.9%)	92 (64.8%)	0.11	195
4. In your opinion, what is the life expectancy of the patient? **					
more than 5 years	0 (0%)	0 (0%)	0 (0%)	0.04	201
Between 2 à 5 years	43 (21.4%)	16 (30.2%)	27 (18.2%)		
Between 1 à 2 years	109 (54.2%)	30 (56.6%)	79 (53.4%)		
Less than 1 year	49 (24.4%)	7 (13.2%)	42 (28.4%)		
5. In your opinion, what is the likelihood that your patient will be alive in 2 years? *					
100%	0 (0%)	0 (0%)	0 (0%)	<0.001	202
75 to 100%	13 (6.4%)	9 (16.7%)	4 (2.7%)		
50 to 75%	43 (21.3%)	17 (31.5%)	26 (17.6%)		
25 to 50%	63 (31.2%)	16 (29.6%)	47 (31.8%)		
0 to 50%	83 (41.1%)	12 (22.2%)	71 (48.0%)		
Predicted survival of your patient in months^s	17.0 [12.0;21.5]	18.0 [12.0;23.5]	16.0 [10.0;20.0]	0.12	198
7. In your opinion, what is the probability that the treatment you prescribed will control (at least temporarily) the disease? ** %					
0%	1 (0.5%)	0 (0%)	1 (0.7%)	<0.001	202
Between 0 and 25%	64 (31.7%)	4 (7.4%)	60 (40.5%)		
Between 25 and 50%	64 (31.7%)	17 (31.5%)	47 (31.8%)		
Between 50 and 75%	66 (32.7%)	29 (53.7%)	37 (25.0%)		
Between 75 and 100%	6 (3.0%)	3 (5.6%)	3 (2.0%)		
100%	1 (0.5%)	1 (1.9%)	0 (0%)		
8. What is the percentage chance that the treatment you prescribed will cause disabling side effects (such as diarrhea, vomiting, significant fatigue, pain...)? **%					
0%	2 (1.0%)	0 (0%)	2 (1.4%)	0.31	202
Between 0 and 25%	111 (55.0%)	27 (50.0%)	84 (56.8%)		
Between 25 and 50%	73 (36.1%)	20 (37.0%)	53 (35.8%)		
Between 50 and 75%	15 (7.4%)	6 (11.1%)	9 (6.1%)		

	Total N= 205 patients	Belgium N= 55 patients	France N= 150 patients	p	Available data
Between 75 and 100%	1 (0.5%)	1 (1.9%)	0 (0%)		
100%	0 (0%)	0 (0%)	0 (0%)		
9. Do you believe that for your patient, maintaining quality of life is more important than prolonging life? **					
Yes, absolutely	55 (27.2%)	10 (18.5%)	45 (30.4%)	<0.001	202
Yes, to some extent	90 (44.6%)	26 (48.1%)	64 (43.2%)		
No, probably not	36 (17.8%)	4 (7.4%)	32 (21.6%)		
No, not at all	7 (3.5%)	2 (3.7%)	5 (3.4%)		
I don't know	14 (6.9%)	12 (22.2%)	2 (1.4%)		

*numbers (percentage) § median (interquartile range)

% These 10 questions are used to assess the concordance between the patients and the physicians

Table S3: Results of the Hospital Anxiety and Depression scale (HADS) survey

	Total N= 200 patients	Belgium N= 50 patients	France N= 150 patients	Available data
HADS survey completed*	202 (98.5%)	55 (100.0%)	147 (98.0%)	-
1. I feel tense or 'wound up' *				
Most of the time	19 (9.5%)	5 (9.4%)	14 (9.5%)	200
A lot of the time	27 (13.5%)	11 (20.8%)	16 (10.9%)	
Occasionally	106 (53.0%)	19 (35.8%)	87 (59.2%)	
Not at all	48 (24.0%)	18 (34.0%)	30 (20.4%)	
2. I still enjoy the things I used to enjoy*				
Definitely as much	97 (48.5%)	28 (52.8%)	69 (46.9%)	200
Not quite so much	76 (38.0%)	22 (41.5%)	54 (36.7%)	
Only a little	18 (9.0%)	2 (3.8%)	16 (10.9%)	
Hardly at all	9 (4.5%)	1 (1.9%)	8 (5.4%)	
3. I get a sort of frightened feeling as if something awful is about to happen*				
Very definitely & quite badly	37 (18.7%)	9 (17.3%)	28 (19.2%)	198
Yes, but not too badly	36 (18.2%)	10 (19.2%)	26 (17.8%)	
A little, but it doesn't worry me	68 (34.3%)	16 (30.8%)	52 (35.6%)	
Not at all	57 (28.8%)	17 (32.7%)	40 (27.4%)	
4. I can laugh and see the funny side of things*				
As much as always	108 (54.5%)	30 (56.6%)	78 (53.8%)	198
Not quite so much now	58 (29.3%)	16 (30.2%)	42 (29.0%)	
Definitely not so much now	29 (14.6%)	6 (11.3%)	23 (15.9%)	
Not at all	3 (1.5%)	1 (1.9%)	2 (1.4%)	
5. Worrying thoughts go through my mind*				
A great deal of the time	30 (15.5%)	14 (28.0%)	16 (11.1%)	194
A lot of the time	43 (22.2%)	7 (14.0%)	36 (25.0%)	
Not too often	58 (29.9%)	13 (26.0%)	45 (31.2%)	
Very little	63 (32.5%)	16 (32.0%)	47 (32.6%)	
6. I feel cheerful *				
Never	1 (0.5%)	1 (1.9%)	0 (0.0%)	198
Not often	16 (8.1%)	4 (7.5%)	12 (8.3%)	
Sometimes	32 (16.2%)	7 (13.2%)	25 (17.2%)	
Most of the time	149 (75.3%)	41 (77.4%)	108 (74.5%)	
7. I can sit at ease and feel relaxed*				
Definitely	95 (48.0%)	27 (50.9%)	68 (46.9%)	198
Usually	75 (37.9%)	20 (37.7%)	55 (37.9%)	
Not often	21 (10.6%)	4 (7.5%)	17 (11.7%)	
Not at all	7 (3.5%)	2 (3.8%)	5 (3.4%)	
8. I feel as if I am slowed down*				
Nearly all the time	18 (9.1%)	5 (9.4%)	13 (9.0%)	197
Very often	50 (25.4%)	11 (20.8%)	39 (27.1%)	
Sometimes	78 (39.6%)	17 (32.1%)	61 (42.4%)	
Not at all	51 (25.9%)	20 (37.7%)	31 (21.5%)	

	Total N= 200 patients	Belgium N= 50 patients	France N= 150 patients	Available data
9. I get a sort of frightened feeling like 'butterflies' in the stomach*				
Not at all	91 (46.4%)	24 (45.3%)	67 (46.9%)	196
Occasionally	88 (44.9%)	26 (49.1%)	62 (43.4%)	
Quite often	11 (5.6%)	2 (3.8%)	9 (6.3%)	
Very often	6 (3.1%)	1 (1.9%)	5 (3.5%)	
10. I have lost interest in my appearance*				
Definitely	17 (8.6%)	7 (13.2%)	10 (6.9%)	197
I don't take as much care as I should	28 (14.2%)	9 (17.0%)	19 (13.2%)	
I may not take as much care	52 (26.4%)	7 (13.2%)	45 (31.2%)	
I take just as much care as ever	100 (50.8%)	30 (56.6%)	70 (48.6%)	
11. I feel restless as if I have to be on the move				
Very much indeed	21 (10.7%)	6 (11.3%)	15 (10.5%)	196
Quite a lot	33 (16.8%)	11 (20.8%)	22 (15.4%)	
Not very much	75 (38.3%)	15 (28.3%)	60 (42.0%)	
Not at all	67 (34.2%)	21 (39.6%)	46 (32.2%)	
12. I look forward to enjoyment to things*				
As much as I ever did	76 (39.2%)	20 (40.0%)	56 (38.9%)	194
Rather less than I used to	79 (40.7%)	21 (42.0%)	58 (40.3%)	
Definitely less than I used to	28 (14.4%)	7 (14.0%)	21 (14.6%)	
Hardly at all	11 (5.7%)	2 (4.0%)	9 (6.2%)	
13. I get sudden feelings of panic*				
Very often indeed	1 (0.5%)	1 (1.9%)	0 (0.0%)	198
Quite often	20 (10.1%)	5 (9.6%)	15 (10.3%)	
Not very often	62 (31.3%)	16 (30.8%)	46 (31.5%)	
Not at all	115 (58.1%)	30 (57.7%)	85 (58.2%)	
14. I can enjoy a good book or radio or TV program*				
Often	137 (69.2%)	37 (71.2%)	100 (68.5%)	198
Sometimes	44 (22.2%)	10 (19.2%)	34 (23.3%)	
Not often	8 (4.0%)	3 (5.8%)	5 (3.4%)	
Very seldom	9 (4.5%)	2 (3.8%)	7 (4.8%)	
HADS score (anxiety)[§]	6.0 [4.0;9.0]	6.0 [3.0;10.0]	6.0 [4.0;9.0]	188
HADS score (depression)[§]	4.0 [2.0;7.2]	4.0 [1.2;7.0]	5.0 [3.0;7.8]	192
HADS score (total)[§]	11.0 [7.0;16.0]	10.5 [5.2;16.8]	11.0 [7.0;15.0]	185
HADS score by category*				
No symptoms (0 to 7)	58 (31.4%)	16 (34.8%)	42 (30.2%)	185
Doubtful symptoms (8 to 10)	30 (16.2%)	7 (15.2%)	23 (16.5%)	
Certain symptoms (11 to more)	97 (52.4%)	23 (50.0%)	74 (53.2%)	

*numbers (percentage) [§] median (interquartile range), HADS = Hospital Anxiety and Depression Scale

Table S4: Association between patient's factors and HADS using multivariate linear regression

	$\beta \pm SE$	p
Country – France (ref : Belgium)	0.24 \pm 1.01	0.81
Non tumor fibrosis F2/F3 (ref : F0/F1)	2.26 \pm 1.83	0.22
Non tumor fibrosis F4	1.70 \pm 1.17	0.15
Serum AFP level (logarithmic)	0.34 \pm 0.15	0.03
Performance status 1/2 (ref : 0)	1.34 \pm 0.94	0.15
Unemployed (Job seeker) (ref: active worker)	2.76 \pm 2.18	0.21
Unable to work, disabled	3.63 \pm 1.81	0.04
Retired	1.08 \pm 1.28	0.40

AFP= alpha foetoprotein, Ref = reference, SE= standard error of coefficients

Table S5: Multivariate linear mixed-effects model of baseline factors associated with predicted death.

	$\beta \pm SE$	p
Gender of the patient (Female) (ref : Male)	3.57 \pm 1.43	0.02
Age of the patient (years old)	0.07 \pm 0.05	0.14
Non tumor fibrosis F2/F3 (ref : F0/F1)	0.64 \pm 2.08	0.76
Non tumor fibrosis F4	-1.37 \pm 1.36	0.31
BCLC C (ref : BCLC B)	-2.48 \pm 1.21	0.04
Child Pugh score – B (ref : A)	-1.87 \pm 1.30	0.15
Serum AFP level (logarithmic)	-0.39 \pm 0.15	0.01
Performance status – 1/2 (ref : 0)	-2.95 \pm 1.04	0.005
Previous treatment for HCC – Yes (ref : No)	1.11 \pm 1.06	0.29
Numbers of patients treated for HCC each year by the doctor between 50 and 100 (ref \leq 50)	2.97 \pm 2.01	0.15
Numbers of patients treated for HCC each year by the doctor > 100	1.49 \pm 2.14	0.49

AFP= alpha foetoprotein, BCLC = Barcelona clinic cancer, HCC = hepatocellular carcinoma, Ref = reference, SE= standard error of coefficients

Table S6: Baseline factors associated with observed death using Cox proportional hazards model

	HR [95%CI]	p
Country – France (ref : Belgium)	0.80 [0.50-1.30]	0.37
BCLC C (ref : BCLC B)	1.91 [1.16-3.13]	0.01
Child Pugh score – B (ref : A)	1.86 [1.15-3.01]	0.01
Serum AFP level (logarithmic)	1.03 [0.97-1.09]	0.36
Performance status – 1/2 (ref : 0)	1.67 [1.12-2.47]	0.01
Type of treatment – Sorafenib	22.77 [5.08-102.12]	< 0.001
HADS score total	1.02 [0.99-1.05]	0.26
Married, in a relationship (ref: Single)	0.65 [0.38-1.13]	0.13
Divorced, separated	1.40 [0.68-2.89]	0.36
Widowed	0.91 [0.42-1.96]	0.81

AFP= alpha foetoprotein, BCLC = Barcelona clinic cancer, HADS = Hospital Anxiety and Depression Scale, HR= Hazard Ratio, 95% CI = 95% confidence interval

Table S7: correlation between results of HADS survey with the answers to the patient's survey using multivariate linear regression

	Total	$\beta \pm SE$	P value
	N= 205 patients		
Socio-cultural level and lifestyle			
1. What is your marital/family status?			
Single	26 (13.0%)	reference	reference
Married, in a relationship	130 (65.0%)	-0.127 \pm 1.363	> 0,9
Divorced, separated	23 (11.5%)	0.785 \pm 1.832	0.67
Widowed	21 (10.5%)	1.493 \pm 1.857	0.42
2. At home, do you live?			
Alone	47 (23.5%)	reference	reference
With someone constantly	141 (70.5%)	-1.029 \pm 1.081	0.34
With someone intermittently present	12 (6.0%)	-1.666 \pm 2.101	0.43
3. Regarding your education, what is the highest level of your degree?			
Primary school	47 (24.0%)		
High school : general education	52 (26.5%)	1.253 \pm 1.309	0.34
High school : vocational education	61 (31.1%)	0.347 \pm 1.224	0.78
University or higher education	36 (18.4%)	-0.955 \pm 1.392	0.49
4. What is your current employment status?			
Active worker	32 (16.0%)		
Unemployed (Job seeker)	11 (5.5%)	2.708 \pm 2.218	0.22
Unable to work, disabled	20 (10.0%)	3.676 \pm 1.841	0.047
Retired	137 (68.5%)	0.795 \pm 1.285	0.54
5. What is your current alcohol consumption?			
Every day/every week	29 (14.5%)		
Occasional (less than once per week)	39 (19.5%)	0.43 \pm 1.575	0.78
Never	132 (66.0%)	-0.094 \pm 1.332	> 0,9
Consultation for the announcement of cancer's treatment			
1. Did you have enough time to discuss your illness with your doctor? * %			
Yes, completely	150 (74.6%)	reference	reference
Mostly yes	44 (21.9%)	2.258 \pm 1.077	0.04
Mostly no + no, not at all	7 (3.5%)	3.344 \pm 2.34	0.15
2. Did the doctor explain the type of treatment you will receive in a way that was understandable to you? * %			
Yes, completely	172 (85.6%)	reference	reference
Mostly yes	25 (12.4%)	2.229 \pm 1.327	0.09
Mostly no + no, not at all	4 (2.0%)	5.734 \pm 2.97	0.05
3. Did the doctor listen to what you had to say? * %			
Yes, completely	177 (88.1%)	reference	reference
Mostly yes	23 (11.4%)	1.633 \pm 1.377	0.24
Mostly no + no, not at all	1 (0.5%)	0.875 \pm 5.774	0.88
4. Did the doctor discuss the possibility of treatment-related side effects with you? * %			
Yes, in detail	161 (80.5%)	reference	reference
Yes, briefly	29 (14.5%)	0.561 \pm 1.25	0.65
No, not at all	10 (5.0%)	3.992 \pm 1.9	0.04
5. Did the doctor discuss your life expectancy with you? * %			
Yes, in detail	37 (18.7%)	reference	reference
Yes, briefly	43 (21.7%)	1.201 \pm 1.436	0.40
No, not at all	118 (59.6%)	-0.409 \pm 1.225	0.74
6. Do you wish to have specific numerical information (in terms of months or percentage) about your life expectancy?			
Yes	78 (39.0%)	reference	reference
No	80 (40.0%)	-3.654 \pm 0.99	< 0,001
I don't know	42 (21.0%)	-2.598 \pm 1.168	0.03
7. Were you involved as much as you wanted in the choice of the proposed treatment?*			
Yes, completely	104 (52.0%)	reference	reference
Mostly yes	74 (37.0%)	0.502 \pm 0.954	0.60
Mostly no	15 (7.5%)	3.077 \pm 1.731	0.08

No, not at all	6 (3.0%)	2.519 ± 2.467	0.31
I did not wish to be involved	1 (0.5%)	4.595 ± 5.675	0.42
8. Overall, how do you evaluate the quality of your consultation?*			
Excellent	108 (54.3%)	reference	reference
Very good	81 (40.7%)	1.445 ± 0.937	0.12
Average	9 (4.5%)	2.313 ± 1.939	0.23
Poor + very poor	1 (0.5%)	-1.572 ± 5.657	0,78
9. Do you trust your doctor's judgment regarding the proposed treatment? * #			
Yes, completely	171 (85.5%)	reference	reference
Mostly yes	28 (14.0%)	4.151 ± 1.232	0.0009
Mostly no + no, not at all	1 (0.5%)	0.487 ± 5.392	> 0,9
Understanding of the disease			
1. How do you assess your current health status?			
I feel healthy despite my illness, and I hope to recover	125 (62.8%)	reference	reference
I feel healthy despite my illness, but I won't be able to recover	43 (21.6%)	3.352 ± 1.033	0.001
I feel very sick due to my illness, but I hope to recover	21 (10.6%)	6.362 ± 1.407	< 0,001
I feel very sick due to my illness, and I won't be able to recover	6 (3.0%)	9.247 ± 2.409	0.0002
I have no opinion	4 (2.0%)	6.353 ± 2.944	0.03
2. In your opinion, what is the stage of your cancer?			
I do not have cancer	2 (1.0%)	reference	reference
Early, very localized cancer	27 (13.5%)	0.319 ± 4.613	> 0,9
Intermediate stage cancer	64 (32.0%)	1.742 ± 4.519	0.70
Advanced stage cancer	56 (28.0%)	2.819 ± 4.528	0.53
I don't know	51 (25.5%)	2.313 ± 4.544	0.61
3. In your opinion, what could be the impact of the illness in terms of life expectancy? %			
I have a life expectancy of more than 5 years	100 (63.3%)	reference	reference
I have a life expectancy of 2 to 5 years	37 (23.4%)	2.04 ± 1.149	0.08
I have a life expectancy of less than 2 years	21 (13.3%)	3.14 ± 1.354	0.02
Understanding of the treatment			
1. Among the following options, which one best corresponds to what your doctor told you during the consultation regarding your treatment– N(%)			
My cancer will be cured	15 (7.5%)	reference	reference
My cancer can be cured if the treatment works	89 (44.5%)	3.683 ± 1.739	0.04
My cancer cannot be cured, but we will try to control the disease with treatment	70 (35.0%)	5.397 ± 1.779	0.003
I don't know	15 (7.5%)	6.453 ± 2.006	0.002
2. What percentage chance do you believe there is that your treatment will shrink or stop the progression of your cancer? %			
Between 0 and 25%	13 (7.3%)	reference	reference
Between 25 and 50%	41 (23.0%)	1.64 ± 2.241	0.47
Between 50 and 75%	50 (28.1%)	0.503 ± 1.994	0.80
Between 75 and 100%	43 (24.2%)	-0.748 ± 2.072	0.72
100%	31 (17.4%)	-2.217 ± 2.22	0,32
3. Is maintaining your quality of life more important to you than living longer?– N(%)			
Yes, completely	73 (37.2%)	reference	reference
Mostly yes	81 (41.3%)	1.725 ± 1.009	0.09
Mostly no	31 (15.8%)	0.225 ± 1.351	0.87
No, not at all	11 (5.6%)	-2.175 ± 2.035	0.29
4. What percentage chance do you believe there is that the treatment will cause disabling side effects (such as diarrhea, vomiting, significant fatigue, pain...)?– N(%)[%]			
0%	16 (8.7%)	reference	reference
Between 0 and 25%	64 (35.0%)	1.856 ± 1.719	0.28
Between 25 and 50%	71 (38.8%)	4.354 ± 1.687	0.01
Between 50 and 75%	28 (15.3%)	3.654 ± 1.928	0.06
Between 75 and 100%	4 (2.1%)	7.591 ± 3.574	0.04
5. From how many months of life expectancy gain are you willing to accept significant side effects (such as nausea/vomiting, significant fatigue, or pain)?– N(%)[%]			
0 to 3 months	37 (22.4%)	reference	reference
3 to 6 months	21 (12.7%)	1.335 ± 1.669	0.43
6 to 12 months	28 (17.0%)	0.006 ± 1.611	> 0,9
12 to 24 months	25 (15.2%)	0.401 ± 1.648	0.81
> 24 months	54 (32.7%)	0.267 ± 1.29	0.84

6. I would like to try treatments for my cancer if they can make me live longer, even if it is very likely that they:			
6.1- Present a high level of side effects (such as nausea/vomiting, significant fatigue, or pain)– N(%)			
Completely agree	47 (23.9%)	reference	reference
Agree	76 (38.6%)	1.379 ± 1.154	0.23
Disagree	27 (13.7%)	2.373 ± 1.508	0.12
Strongly disagree	7 (3.6%)	0.685 ± 2.532	0.79
No opinion	40 (20.3%)	-1.509 ± 1.323	0.26
6.2- Require me to be bedridden and render me unable to use the bathroom or toilet without assistance – N(%)			
Completely agree	15 (7.8%)	reference	reference
Agree	27 (14.0%)	3.469 ± 2.018	0.09
Disagree	59 (30.6%)	2.579 ± 1.775	0.15
Strongly disagree	54 (28.0%)	4.555 ± 1.842	0.01
No opinion	38 (19.7%)	1.962 ± 1.895	0.30
6.3- Require me to rely on help from my family and friends to carry out daily activities (such as shopping and managing money)– N(%)			
Completely agree	29 (15.0%)	reference	reference
Agree	60 (31.1%)	1.22 ± 1.402	0.39
Disagree	39 (20.2%)	-0.468 ± 1.494	0.75
Strongly disagree	36 (18.7%)	2.758 ± 1.606	0.09
No opinion	29 (15.0%)	-1.137 ± 1.646	0.49
6.4- Impair my memory or concentration – N(%)			
Completely agree	15 (7.9%)	reference	reference
Agree	44 (23.0%)	2.941 ± 1.806	0.11
Disagree	56 (29.3%)	2.515 ± 1.768	0.16
Strongly disagree	33 (17.3%)	4.632 ± 1.892	0.02
No opinion	43 (22.5%)	1.233 ± 1.847	0.51
6.5- Make me occasionally confused and disoriented – N(%)			
Completely agree	16 (8.6%)	reference	reference
Agree	40 (21.4%)	4.042 ± 1.823	0.03
Disagree	51 (27.3%)	2.089 ± 1.763	0.24
Strongly disagree	34 (18.2%)	3.204 ± 1.902	0.09
No opinion	46 (24.6%)	1.515 ± 1.802	0.40

We regroup some categories of answers for the analysis when the numbers