

# Decision Conflicts in Clinical Care During COVID-19: A Patient Perspective

**Table S1:** Significant differences between disease stage groups at 5-point scale of perception of the (A) decisional modification requirements (p=0.005) and (B) uncertainty (p=0.004); and (C) of education groups decisional modification requirements (p=0.014).

(A)						
Disease Stage	Not at all	A little	Somewhat	A lot	Completely	Total
N/A	15	7	2	4	1	29
Initial Treatment after Diagnosis	116	29	14	11	1	171
Treatment Continuation	98	22	16	8	7	151
Recurrence/Metastasis/Crisis Treatment	56	18	11	20	10	115
Follow up	23	7	7	3	1	41
Total	308	83	50	46	20	507
(B)						
Disease Stage	Not at all	A little	Somewhat	A lot	Completely	Total
N/A	9	7	11	2	1	30
Initial Treatment after Diagnosis	85	44	20	17	5	171
Treatment Continuation	85	30	13	23	4	155
Recurrence/Metastasis/Crisis Treatment	42	27	19	18	9	115
Follow up	20	8	6	3	2	39
Total	241	116	69	63	21	510
(C)						
Education Group	Not at all	A little	Somewhat	A lot	Completely	Total
N/A	8	2	0	2	1	13
Lower education	58	23	1	7	1	90
Intermediate education	144	31	25	15	10	225
Higher education	98	27	24	22	8	179
Total	308	83	50	46	20	507

**Table S2:** Correlations of the items general uncertainty, uncertainty related to their own treatment, resulting distress and the perception of own risk and requirements for treatment modifications. Pearson correlation, 2-sided significance and numbers of included respondents. \*\* Significant correlations p<0.01

	General Uncertainty	Own Treatment Uncertainty	Uncertainty Distress	Pandemic Own Risk
Own Treatment Uncertainty	.554** 0.000 481	1  510	.796** 0.000 496	.275** 0.000 500
Uncertainty Distress	.557** 0.000 474	.796** 0.000 496	1  500	.308** 0.000 490
Pandemic Own Risk	.259** 0.000 483	.275** 0.000 500	.308** 0.000 490	1  511
Own Decisions	.588** 0.000 484	.439** 0.000 479	.417** 0.000 470	.193** 0.000 482

**Table S3:** (A) Correlations of items reflecting the psychological environment of the healthcare professions. Pearson correlation, 2-sided significance and numbers of included respondents. \*\* Significant correlations  $p<0.01$ ; (B) Obtained factorial load after PCA-based factorial analysis of items related to individual psychological status; (C) Differences in the distribution of obtained components related to demographic characteristics for psychological status (mean and univariate ANOVA between the groups)

(A)

	Anxiety	Depression	Loneliness	Hope	Stress	Treatment Uncertainty
Depression	.580** 0.000 527					
Loneliness	.443** 0.000 529	.707** 0.000 527				
Hope	-0.067 0.122 526	-.299** 0.000 525	-.254** 0.000 526			
Stress	.538** 0.000 526	.691** 0.000 524	.559** 0.000 527	-.197** 0.000 523		
Treatment Uncertainty	.465** 0.000 500	.498** 0.000 499	.397** 0.000 510	-.147** 0.001 498	.442** 0.000 498	
Uncertainty Distress	.475** 0.000 490	.525** 0.000 489	.377** 0.000 500	-.134** 0.003 488	.486** 0.000 489	.796** 0.000 496

(B)

Factor components	Factorial load
Depression	0.907
Stress	0.837
Loneliness	0.821
Anxiety	0.730
Hope	-0.368

(C)

Patient subgroups	Component Mean	
Oncology	-0.315	p<0.001
Psychiatry	0.774	
≤ 40 Years	0.741	p<0.001
41-65 Years	-0.107	
>65 Years	-0.394	
Low Education	-0.154	p=0.231
Intermediate Education	-0.018	
High Education	0.093	
Initial Treatment after Diagnosis	-0.276	p<0.001
Treatment Continuation	-0.082	
Recurrence/Metastasis/Crisis Treatment	0.517	
Follow up	-0.206	
Male	-0.223	p<0.001
Female	0.178	

**Table S4:** Correlations of items reflecting the psychological environment of the healthcare professions. Pearson correlation, 2-sided significance and numbers of included respondents. \* Significant correlations p<0.05; \*\* Significant correlations p<0.01

	Required Treatment Modifications	Treatment Response	Symptoms	Effects/Complications
Treatment Response	.110* 0.020 446			
Symptoms	.184** 0.000 437	.827** 0.000 439		
Effects/Complications	.099* 0.042 421	.759** 0.000 423	.786** 0.000 422	
SARS Additional Risk	.374** 0.000 432	.227** 0.000 428	.314** 0.000 424	.288** 0.000 413

**Table S5:** Prediction of by nominal regression analysis for “Decisional Uncertainty” (A) Likelihood –Quotient-Test for regression parameters; and (B) resulting classification. Inclusion of factor for psychological status

(A)

Effect	-2 Log-Likelihood for reduced model	Likelihood-Quotient-Tests		
		Chi²	dF	Significance
Constant Term	491.117 <sup>a</sup>	0.000	0	
Factor Psychological Status	513.671 <sup>b</sup>	22.554	4	0.000
Decision Criteria SARS Additional Risk	557.386	66.269	16	0.000
Burden Infection Risk	564.557	73.440	16	0.000
Information Availability Own Provider	549.913	58.796	16	0.000
Education 3 groups	543.249	52.132	12	0.000
Speciality Group	534.373	43.256	4	0.000
Distance Regulations	545.715	54.598	16	0.000
Decision Criteria Side Effects/Complications	517.461 <sup>b</sup>	26.344	16	0.049
Decision Criteria Treatment Response	560.341	69.224	16	0.000
Pandemic Own Risk	539.933	48.816	16	0.000

(B)

Predicted							% Correct with neighbor
Observed	Not at all	A little	Somewhat	A lot	Completely	% Correct	
Not at all	124	14	7	3	0	83.8%	93.2%
A little	31	27	5	7	0	38.6%	90.0%
Somewhat	11	6	19	5	0	46.3%	73.2%
A lot	13	6	5	22	0	47.8%	58.7%
Completely	0	0	0	0	16	100.0%	100.0%
% Total	55.8%	16.5%	11.2%	11.5%	5.0%	64.8%	85.4%