



#425P# - Preliminary study: Assessment of Public trust in traditional medicine and medical treatment in cancer patients in Indonesia. Study Validity and Reliability of the Universitas Sebelas Maret Trust and Readiness Assessment for Cancer Patients (UNS – TRAfCP35) Questionnaire

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Background: In Indonesia, traditional medicine is still trusted, especially in treating cancer. Cancer treatment has become one of many processes that are the most complicated and trigger the patient's anxiety. The patient's decision may contradict the advice of the health professional and will consequently provide an increasingly ugly prognosis. – to prevent misinformation that may affect decision-making for patient care. The Universitas Sebelas Maret Trust and Readiness Assessment for Cancer Patients (UNS – TRAfCP35) is an instrument designed to assess a patient's understanding of cancer, confidence in alternative medicine, and a patient's confidence in medical therapies.

Objective: This study aims to identify the validity and reliability of UNS – TRAfCP35 in assessing patients' understanding of cancer, trust in alternative medicine, and trust in medical treatment for cancer patients in Indonesia.

Method: This is a cross-sectional hospital-based study conducted on 100 cancer patients at Dr. Moewardi Hospital, Surakarta, using UNS – TRAfCP35. The questionnaire consisted of 35 questions divided into three parts: 15 questions regarding patients' understanding of cancer, eight questions regarding their belief in alternative medicine, and 12 questions about patients' trust in medical treatment. Validity and reliability were used using Pearson product moments and Cronbach alpha.

Results: Validity tests showed that the understanding of cancer ($r = 0.236-0.456$), the patient's confidence in alternative medicine ($r = 0.301-0.688$) and the patient's confidence in medical care ($r = 0.324-0.765$) had $r > 0.196$. Reliability tests showed that the questions from each section had Cronbach alpha values of 0.712, 0.830, and 0.844, respectively. Alfa Cronbach > 0.60 . The values indicate that all questions in the questionnaire are valid, reliable, consistent, and qualified for further analysis for the treatment of cancer patients.

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
PK1	8.8800	7.925	.264	.704
PK2	9.2700	6.947	.456	.679
PK3	9.2300	7.512	.236	.708
PK4	9.0600	7.471	.306	.698
PK5	9.0300	7.666	.239	.706
PK6	9.2600	7.245	.337	.695
PK7	8.9400	7.714	.294	.700
PK8	9.0900	7.214	.401	.687
PK9	8.9000	7.869	.263	.703
PK10	9.3300	7.011	.430	.682
PK11	8.8900	7.897	.263	.704
PK12	9.6100	7.412	.390	.690
PK13	9.0500	7.543	.281	.701
PK14	9.3400	7.217	.348	.693
PK15	9.3200	7.432	.246	.708

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
PA1	26.5900	27.093	.623	.802
PA2	26.7200	27.638	.524	.814
PA3	26.4400	26.309	.618	.801
PA4	26.6600	26.206	.678	.794
PA5	26.2100	26.269	.688	.793
PA6	26.7700	29.492	.301	.845
PA7	27.1000	28.010	.405	.832
PA8	26.1700	26.324	.672	.795

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
TM1	44.2100	34.026	.676	.824
TM2	44.8200	34.331	.331	.849
TM3	44.2500	34.250	.656	.826
TM4	44.1900	33.812	.702	.823
TM5	45.4300	32.854	.432	.841
TM6	45.3800	33.551	.324	.854
TM7	44.9000	32.212	.385	.852
TM8	44.4700	34.575	.594	.829
TM9	44.3400	33.499	.601	.826
TM10	44.2300	33.452	.765	.819
TM11	44.0000	33.758	.746	.821
TM12	44.1600	34.015	.687	.824

Reliability Statistics

No.	Variable	Cronbach's Alpha	N of Items
1.	Understanding about cancer	.712	15
2.	Alternative medicine	.830	8
3.	Medical treatment	.844	12

Conclusion: This study shows that UNS – TRAfCP35 is valid and reliable for assessing patients' understanding of cancer, trust in alternative medicine, and medical care.