

## Appendix 1

Polish and English version<sup>1</sup> of the Spirituality and Spiritual Care Rating Scale (SSCRS).

For each question please circle one answer which best reflects the extent to which you agree or disagree with each statement.

Item	I believe .....	Uważam, że ...	1	2	3	4	5
			Strongly Disagree	Disagree	Uncertain	Agree	Strongly Agree
1	... nurses can provide spiritual care by arranging a visit by the hospital Chaplain or the patient's own religious leader if requested	... pielęgniarki mogą zapewnić opiekę duchową poprzez umożliwienie wizyty kapelana lub innego przewodnika duchowego na życzenie pacjenta	<input type="checkbox"/>				
2	... nurses can provide spiritual care by showing kindness, concern and cheerfulness when giving care	... pielęgniarki mogą zapewnić opiekę duchową okazując życzliwość, troskę oraz dodając otuchy pacjentowi	<input type="checkbox"/>				
3	... spirituality is concerned with a need to forgive and a need to be forgiven	... duchowość jest związana z potrzebą przebaczenia innym i uzyskania wybaczenia	<input type="checkbox"/>				
4	... spirituality involves only going to Church/Place of Worship	... duchowość wyraża się jedynie poprzez chodzenie do kościoła lub innych miejsc kultu	<input type="checkbox"/>				
5	... spirituality is not concerned with a belief and faith in a God or Supreme being	... duchowość nie dotyczy wyłącznie wiary w Boga lub inną siłę wyższą	<input type="checkbox"/>				
6	... spirituality is about finding meaning in the good and bad events of life	... duchowość polega na odnajdowaniu sensu zarówno w dobrych, jak i w złych wydarzeniach w życiu	<input type="checkbox"/>				
7	... nurses can provide spiritual care by spending time with a patient giving support and reassurance especially in time of need	... pielęgniarki mogą zapewnić pacjentom opiekę duchową poprzez poświęcenie im czasu, udzielanie wsparcia i dodawanie otuchy	<input type="checkbox"/>				
8	... nurses can provide spiritual care by enabling a patient to find meaning and purpose in their illness	... pielęgniarki mogą zapewnić pacjentom opiekę duchową poprzez umożliwienie im znalezienia sensu w chorobie	<input type="checkbox"/>				
9	... spirituality is about having a sense of hope in life	... duchowość polega na trwaniu w nadziei	<input type="checkbox"/>				

<sup>1</sup> Original English version of SSCRs published by Wilfred McSherry, Peter Draper, and Don Kendrick. *The construct validity of a rating scale designed to assess spirituality and spiritual care*. International Journal of Nursing Studies, 2002; 39(7): 723-34.

The Polish language version of SSCRs adapted with permission from Wilfred McSherry.

10	... spirituality is to do with the way one conducts one's life here and now	... duchowość to świadome życia tu i teraz	<input type="checkbox"/>				
11	... nurses can provide spiritual care by listening to and allowing patients' time to discuss and explore their fears, anxieties and troubles	... pielęgniarki mogą zapewnić opiekę duchową poprzez wysłuchanie obaw, niepokojów i zmartwień pacjenta	<input type="checkbox"/>				
12	... spirituality is a unifying force which enables one to be at peace with oneself and the world	... duchowość jest siłą jednoczącą, która pozwala żyć człowiekowi w harmonii z samym sobą i światem	<input type="checkbox"/>				
13	... spirituality does not include areas such as art, creativity and self-expression	... duchowość nie obejmuje takich obszarów jak sztuka, kreatywność i swobodne wyrażanie siebie	<input type="checkbox"/>				
14	... nurses can provide spiritual care by having respect for privacy, dignity and religious and cultural beliefs of a patient	... pielęgniarki mogą zapewnić opiekę duchową szanując prywatność, godność oraz wartości religijne i kulturowe pacjenta	<input type="checkbox"/>				
15	... spirituality involves personal friendships, relationships	... duchowość dotyczy przyjaźni i relacji międzyludzkich	<input type="checkbox"/>				
16	... spirituality does not apply to Atheists or Agnostics	... duchowość nie dotyczy ateistów lub agnóstyków	<input type="checkbox"/>				
17	... spirituality includes people's morals	... moralność jest częścią duchowości	<input type="checkbox"/>				

**Table S1.** Internal consistency

Item	M	SD	Skew	Kurtosis	Item-total correlation	Cronbach alfa
SSCRS_1	4.12	1.31	-1.41	0.71	0.64	0.898
SSCRS_2	4.09	1.29	-1.42	0.79	0.69	
SSCRS_3	3.72	1.17	-0.67	-0.31	0.58	
SSCRS_5	3.55	1.39	-0.60	-0.93	0.38	
SSCRS_6	3.89	1.19	-1.04	0.25	0.69	
SSCRS_7	3.99	1.19	-1.21	0.57	0.77	
SSCRS_14	4.11	1.13	-1.35	1.07	0.75	
SSCRS_15	3.86	1.14	-0.85	-0.04	0.68	
SSCRS_17	3.83	1.19	-0.90	0.01	0.55	
SSCRS_8	3.58	1.24	-0.57	-0.59	0.54	0.873
SSCRS_9	3.63	1.16	-0.58	-0.37	0.56	
SSCRS_10	3.58	1.21	-0.56	-0.49	0.51	
SSCRS_11	3.85	1.23	-0.97	-0.07	0.66	
SSCRS_12	3.75	1.23	-0.79	-0.31	0.62	
SSCRS_4*	4.07	1.26	-1.27	0.47	0.43	0.563
SSCRS_13*	3.17	1.27	0.01	-0.99	0.14	
SSCRS_16*	3.66	1.25	-0.62	-0.50	0.36	

M – mean, SD – standard deviation

\* reverse score items

**Table S2.** Correlation between SSCRS\_P subscales

	Activity-centred spiritual care	Emotional support-centred spiritual care	Religiosity
Activity-centred spiritual care	1.000		
Emotional support-centred spiritual care	0.568*	1.000	
Religiosity	-0.406*	-0.199*	1.000

\*  $P < 0.001$  (two-sided test)

**Table S3.** SSCRS subscales and selected demographic, educational and professional factors

	Gender: female		Gender: male		t	p-value^
	M	SD	M	SD		
Activity-centred spiritual care	35.29	8.03	33.41	9.12	1.610	0.108
Emotional support-centred spiritual care	18.45	4.92	17.49	5.38	1.338	0.181
Religiosity	7.12	2.75	6.82	3.00	0.742	0.459

M – mean, SD – standard deviation ^ Student's t-test

Countryside	Village (population up to 50 thousand)		Small town (51-200 thousand)		Large town (201-500 thousand)		City >500 thousand		F	p-value^		
	M	SD	M	SD	M	SD	M	SD				
Activity-centred spiritual care	34.66	8.07	35.21	7.34	35.46	8.65	35.69	8.57	35.07	8.00	0.378	0.825
Emotional support-centred spiritual care	18.51	4.81	18.87	4.66	18.72	5.31	18.64	4.83	17.70	5.06	1.856	0.116
Religiosity	7.35	2.94	7.19	2.56	7.08	2.82	7.06	2.73	6.94	2.74	0.584	0.674

M – mean, SD – standard deviation ^ one-way ANOVA

	Age: ≤30		Age: 31-40		Age: 41-50		Age: >50		F	p-value^
	M	SD	M	SD	M	SD	M	SD		
Activity-centred spiritual care	34.98	7.95	37.00	6.44	34.98	8.45	36.56	9.04	1.691	0.167
Emotional support-centred spiritual care	18.31	4.62	18.43	5.42	18.55	5.19	18.67	6.33	0.164	0.921
Religiosity	7.08	2.67	7.03	2.43	7.01	2.87	7.40	3.59	0.279	0.841

M – mean, SD – standard deviation ^ one-way ANOVA

	Clinical experience: ≥3 years		Clinical experience: <3 years		t	p-value^
	M	SD	M	SD		
Activity-centred spiritual care	34.73	8.54	37.80	4.03	-3.747	<0.001
Emotional support-centred spiritual care	18.10	5.09	19.92	3.94	-3.635	<0.001
Religiosity	7.14	2.85	6.83	2.33	1.108	0.268

M – mean, SD – standard deviation ^ Student's t-test

	Spiritual care training *: YES		Spiritual care training *: NO		t	p-value^
	M	SD	M	SD		
Activity-centred spiritual care	35.60	8.21	34.07	7.74	2.446	0.015
Emotional support-centred spiritual care	18.41	5.15	18.23	4.44	0.478	0.633
Religiosity	7.02	2.89	7.26	2.39	-1.132	0.258

M – mean, SD – standard deviation \* Declared participation in training covering the issues of spirituality, spiritual care and spiritual needs of patients ^ Student's t-test

	Communication skills training *: YES		Communication skills training *: NO		t	p-value^
	M	SD	M	SD		
Activity-centred spiritual care	37.31	6.70	34.75	8.26	3.441	0.001
Emotional support-centred spiritual care	18.74	5.21	18.25	4.88	1.070	0.285
Religiosity	6.73	2.88	7.15	2.72	-1.637	0.102

M – mean, SD – standard deviation \* Declared participation in a communication skills course ^ Student's t-test