

ORIGINAL RESEARCH ARTICLE

Perception of advance health-care directives among nursing students in oncology and palliative care settings: An Italian pre–post study

Supplementary File

Table S1. Changes in expressed preferences regarding health-care disclosure and end-of-life treatments (pre- vs. post-intervention)

Item	Pre-intervention (n=39) (%)	Post-intervention (n=39) (%)	Changed response after post- intervention (n)
Parents	36 (92.3)	34 (87.2)	2
Siblings	31 (79.5)	32 (82.1)	1
Children	16 (41.0)	8 (20.5)	8
Partner	27 (69.2)	26 (66.7)	1
Friends	19 (48.7)	20 (51.3)	1
Cardiopulmonary resuscitation	14 (35.9)	14 (35.9)	-
Mechanical ventilation	12 (30.8)	11 (28.2)	-
Artificial nutrition	14 (35.9)	15 (38.5)	-
Deep sedation	29 (74.4)	30 (76.9)	-
Dialysis	11 (28.2)	11 (28.2)	-
Emergency surgery	13 (33.3)	13 (33.3)	-
Blood transfusions	12 (30.8)	14 (35.9)	-
Antibiotic therapy	16 (41.0)	17 (43.6)	-
Religious assistance: No	5 (12.8)	0 (0)	-
Religious assistance: Funeral	28 (71.8)	32 (82.1)	-
Religious assistance: Other	3 (7.7)	2 (5.1)	-
No response	4 (10.3)	5 (12.8)	-
Organ donation for transplant	37 (94.9)	36 (92.3)	-
Body donation for science	14 (35.9)	16 (41.0)	-
Cremation	18 (46.2)	21 (53.8)	-
Burial	10 (25.6)	9 (23.1)	-

Note: Distribution of participants (n=39) who indicated consent to disclose health conditions to various individuals and expressed preferences regarding specific life-sustaining treatments before and after the educational intervention.

Table S2. Preferences regarding funeral and post-mortem dispositions (pre- vs. post-intervention)

Cremation Preference	Burial: No	Burial: Yes	Total (n)
No	28	11	39
Yes	31	8	39

Note: Participant responses regarding funeral arrangements and post-mortem body use (e.g., organ donation, cremation, and burial) before and after the intervention.

Table S3. Specific free-text requests expressed in advance directives (pre-intervention)

Free-text statement (pre-intervention)	Frequency	Percentage	Cumulative percentage
In case I am unresponsive	1	9.09	9.09
End-of-life	1	9.09	18.18
Pain management and explanation	1	9.09	27.27
My organs should be donated	1	9.09	36.36
No therapeutic obstinacy	1	9.09	45.45
Donation of all possible organs	1	9.09	54.54
No excessive treatments	1	9.09	63.64
Scientific body donation	1	9.09	72.73
Full organ donation	1	9.09	81.82
Donation authorization	1	9.09	90.91
Other	1	9.09	100
Total	11	100	

Note: Frequencies of free-text entries in the “Particular dispositions” section were completed by participants before the intervention. Each row represents a distinct statement reflecting individual preferences.

Table S4. Specific free-text requests expressed in advance directives (post-intervention)

Free-text statement (post-intervention)	Frequency	Percentage	Cumulative percentage
Availability of invasive devices if needed	1	14.29	14.29
No therapeutic obstinacy (v1)	1	14.29	28.58
No therapeutic obstinacy (v2)	1	14.29	42.87
Only life-preserving treatments	1	14.29	57.16
Detailed explanation requested	1	14.29	71.43
No resuscitation measures	1	14.29	85.74
Other	1	14.29	100
Total	7	100	

Note: Frequencies of free-text entries in the "Particular dispositions" sections completed by participants after the intervention. Each row reflects individual additions or exceptions declared.

Table S5. Cross-tabulation of stance on therapeutic obstinacy pre- and post-intervention

Therapeutic obstinacy	Pre-intervention (n=10)	Post-intervention (n=6)	Total (n=16)
No	7	3	10
Yes	3	3	6
Chi-square	0.64	0.42	

Note: Participants' responses (n=16) regarding their stance on therapeutic obstinacy pre- and post-intervention.

Table S6. Cross-tabulation of organ donation preference pre- and post-intervention

Organ donation	Pre-intervention (n=10)	Post-intervention (n=6)	Total (n=16)
No	5	5	10
Yes	5	1	6
Chi-square	1.77	0.18	

Note: Comparison of participants' choices regarding organ donation (n=16) pre- and post-intervention.