# **A**PPENDIX

# Appendix 1: A survey regarding do-not-resuscitate among Intensive Care Unit/ER- doctors

This questionnaire has been developed to assess the attitudes of ICU/ER physicians toward DNR. Your completing the questionnaire will acknowledge your consent to participate in this study. The information will be kept confidential.

Please circle the appropriate number or check for each question.

| Date | e questionnaire filled  | in://_           |                  |         |  | Refere | nce no |     |        |  |
|------|---|------------------|------------------|---------|--|--------|--------|-----|--------|--|
| 1.   | Do you have DNR (NO CODE) policy in your hospital?  |                  |                  |         |  |        |        | Yes | No     |  |
| 2.   | Did you read the DNR policy?  |                  |                  |         |  |        |        | Yes | No     |  |
| 3.   | Are you familiar wi   | th the DNR for   | m in BESTCARE s  | system? |  |        |        | Yes | No     |  |
| 4.   | Who should decide about DNR on arrival to ICU/ER?   |                  |                  |         |  |        |        |     |        |  |
|      | MRP Intensivist ICU/ER physician Any competent Physician  |                  |                  |         |  |        |        |     |        |  |
| 5.   | How many physicia   | ins needed to co | mplete DNR order |         |  | 1      | 2      | 3   | 4      |  |
| 6.   | The validity of DNR order1 month3 months6 month   |                  |                  |         |  |        | 6 mon  | ths | 1 year |  |
| 7.   | Is it a MUST that the patient or his family approve DNR?  |                  |                  |         |  |        |        | Yes | No     |  |
| 8.   | Do you know the policy if the family REFUSE DNR   |                  |                  |         |  |        |        | Yes | No     |  |
| 9.   | DNR is against my religious believes  |                  |                  |         |  |        |        | Yes | No     |  |
| 10.  | 0. DNR is against Islamic rules and believes  |                  |                  |         |  |        |        |     | No     |  |
| 11.  | 11. I am aware of the "Islamic Fatwa regarding DNR "  |                  |                  |         |  |        |        |     | No     |  |
| 12.  | 2. DNR patients can be (check applicable):   - Admitted to ICU Intubated Start on inotropic support   - Undergo CPR Given IV Fluid Given analgesics |                  |                  |         |  |        |        |     |        |  |
| 13.  | DNR patients shoul  | d receive comfo  | ort measures     |         |  |        |        | Yes | No     |  |
| 14.  | <b>DNR means NO CARE</b> Strongly   Strongly agree   Agree Uncertain   Disagree disagree  |                  |                  |         |  |        | / 5    |     |        |  |

### 15. How many times did you discuss DNR status with a patient/family

- -0 -1 - 3
- -4 8
- ->9

#### 16. How to open discussion of DNR with patient/family

- Ask about their understanding of patient's illness
- Explain what DNR is
- Ask if they know what DNR is
- Discuss the patient's medical problem

#### 17. On average, how much do you spend in discussing DNR status

- 0-5 minutes
- 6 10
- >10
- Not done before

### 18. How comfortable are you in discussing DNR status with patient/family?

- Very comfortable
- Somewhat comfortable
- Not comfortable

#### 19. What are the possible barriers to your effective DNR discussion with patient/family

- Lack of time
- Inadequate training
- Lack of patient/family understanding
- This is not your job
- It is against my religious beliefs
- I feel the patient will be neglected
- Weak palliative care in my hospital
- Other: specify

# 20. In your opinion, what do you think the OBSTACLE to initiate DNR

- Religious
- Cultural
- Patient/family level of education
- policy

# 21. Do you believe that DNR would mean that the patient will receive substandard level of care?

- Yes
- Maybe
- No

| 22. Do you think training during residency will improve the ability to discuss DNR? | Yes | No |
|---|-----|----|
| 23. Should nurses be involved in DNR decision?                                      | Yes | No |
| 24. Do you have advance directives  | Yes | No |
| 25. Do you believe every patient should have advance directives                     | Yes | No |

- 26. If you have terminal illness or illness with futile treatment what do you want for yourself?
- DNR
- Full support

# 27. In principle, you believe the following actions in a dying patient are acceptable:

| Strongly |       |           |          | Strongly |
|----------|-------|-----------|----------|----------|
| agree    | Agree | Uncertain | Disagree | disagree |
| 5        | 4     | 3         | 2        | 1        |
| 5        | 4     | 3         | 2        | 1        |
| 5        | 4     | 3         | 2        | 1        |
|          | 05    | 0,        | 05       | 23       |

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|                  |   |                   |                | 0               |                    | Saudi Arabia         |                     |                |             |
|------------------|---|-------------------|----------------|-----------------|--------------------|----------------------|---------------------|----------------|-------------|
| 28.              | How do you define   | "futile ti        | eatment        | <b>t?"</b> (Cir | cle the best choi  | ce)                  |                     |                |             |
| 1.               | 0-1% chance of surv   |                   |                |                 |                    |                      |                     |                |             |
| 2.               | Requirement of con  |                   |                |                 |                    |                      |                     |                |             |
| 3.               | Maintenance of a pe   |                   | -              |                 |                    |                      |                     |                |             |
| 4.<br>5.         | Ineffective in achiev<br>Inability to provide                                   | -                 |                |                 | treatment          |                      |                     |                |             |
| <i>5</i> .<br>6. | Other (specify)   |                   | -              |                 | treatment          |                      |                     |                |             |
|                  | Do you use the con  |                   |                |                 | " in addressing    | DND9                 |                     | Yes            | No          |
|                  | -   | -                 |                |                 | -                  |                      |                     | 168            | INU         |
| 30.              | Are clinical ethicsYesNo  | committe          | Uncert         | 0               | n your hospital    | to help with DNR     | orders?             |                |             |
| 31.              | If yes, do you use them in DNR context?   |                   |                |                 |                    |                      |                     |                |             |
|                  | Always  | Often             |                |                 | etimes             | Rarely               | Never               |                |             |
|                  | 5   | 4                 |                | 3               |                    | 2                    | 1                   |                |             |
| 32.              | Do you currently h  | 0                 | elines fo      |                 |                    | n your ICU/ER?       |                     |                |             |
|                  | Yes   | No                |                | Unce            | rtain              |                      |                     |                |             |
|                  | 1   | 2                 |                | 3               |                    |                      |                     |                |             |
| 33.              | If not, do you think  | k such gu         | idelines       | would           | -                  |                      |                     |                |             |
|                  | To a great extent   | 4                 | 2              | 2               | Not at all         |                      |                     |                |             |
|                  | 5   | 4                 | 3              | 2               | 1                  |                      |                     |                |             |
| 34.              | Would you be willi  | ing to use        | profess        | ionally         |                    | elines?              |                     |                |             |
|                  | To a great extent 5   | 4                 | 3              | 2               | Not at all         |                      |                     |                |             |
|                  | -   |                   | •              | _               | 1                  |                      |                     |                |             |
| 35.              | Do you think educa  | ational p         | rograms        | could o         | •••                | actices for DNR?     |                     |                |             |
|                  | To a great extent 5   | 4                 | 3              | 2               | Not at all         |                      |                     |                |             |
|                  | -   |                   |                |                 | 1                  |                      |                     |                |             |
| 36.              | Does your ICU/ER<br>Yes No  | have em<br>Uncert |                | counsel         | ing/support ser    | vices for its staff? |                     |                |             |
|                  |   |                   |                |                 |                    |                      |                     |                |             |
| 37.              | <b>Do you think your</b><br>Yes No  | ICU/ER<br>Uncert  |                | have suc        | ch a program?      |                      |                     |                |             |
| • •              |   |                   |                |                 |                    |                      |                     |                |             |
| 38.              | If you were diagno  | sed as ha         | -              |                 |                    | you want:            | Drobobly            | Definit        | altr        |
|                  |   |                   | Definit<br>yes | 2               | Probably<br>yes    | Uncertain            | Probably<br>not     | Definit<br>not | 5           |
|                  | 1. To go into ICU <sup>4</sup>  | ?                 | 5              |                 | 4                  | 3                    | 2                   | 1              |             |
|                  | 2. To undergo CP  |                   | 5              |                 | 4                  | 3                    | 2                   | 1              |             |
|                  | 3. To be put on a v   | ventilator        | ? 5            |                 | 4                  | 3                    | 2                   | 1              |             |
| 39.              | You answered the a  | above qu          | estions a      | is you d        | id because of th   | e importance of th   | ne value of life (b | eing 5) or t   | the quality |
|                  | of life (being 1)?  | 1                 |                | U               |                    | -                    | × ×                 | 8 /            | I v         |
|                  | Value of life   |                   |                |                 | Quality of li      | fe                   |                     |                |             |
|                  | 5   | 4                 | 3              | 2               | 1                  |                      |                     |                |             |
| 40.              | Your age:   |                   |                |                 |                    |                      |                     |                |             |
| 41.              | Your sex: 1. Mal  | e 2. Fem          | ale            |                 |                    |                      |                     |                |             |
| 42.              | Your marital status:  | 1. Marrie         | d 2. Sing      | gle 3. Se       | parated/divorced   | 14. Widowed          |                     |                |             |
| 43.              | Your religion: 1. Muslim 2. Protestant 3. Jewish 4. Catholic 5. Other (specify) |                   |                |                 |                    |                      |                     |                |             |
| 44.              | You consider yourse   | elf: 1. Nor       | n-religiou     | us 2. Re        | ligious 3. Very re | eligious             |                     |                |             |
| 45.              | Your gross annual h   | ousehold          | income         | is:             | -                  |                      |                     |                |             |
|                  | 1. Less than 100,0  |                   |                |                 |                    |                      |                     |                |             |
|                  | 2. 100,001-200,00   | A CD.             |                |                 |                    |                      |                     |                |             |

3. 200,001-400,000 SR;

- 4. 400,001-600,000 SR;
- 5. More than 600,00 SR

# You can refuse to answer this question if you believe it is too personal.

- **46.** Country of medical training:
- **47.** Have you had special training in ICU/ER?
- 48. Number of years practicing in ICU/ER: \_\_\_\_
- **49.** Average hours per week clinically in the ICU/ER:

#### **50.** Your role in ICU/ER is:

- 1. consultant
- 2. Asso/assiss/staph phys
- 3. Resident or fellow physician
- 4. Intern
- 5. student
- 6. other
- 51. You are entitled for DNR orders ICU/ER patients:

1. Yes 2. No

1. Yes, 2. No