

Sankei Shinbun Syuppan Co.,Ltd.

READI-J-V

Readiness **E**stimate **A**nd **D**eployability **I**ndex
Japanese-**V**ersion

Purpose: The purpose of the READI -J-V is to estimate out how ready nurses are for a disaster or terrorist attack in seven important areas: clinical competency; operational competency; survival skills; stress coping; attitude of mind; group integration; and leadership/administration support. It is important for you to be honest in your responses. Responses will be handled as a group and you will not be identified as an individual. The READI-J-V takes about 30 minutes to complete.

Instructions for completing the READI-J-V:

Read each question and select the most appropriate answer (by checkmark, circle, etc.) as indicated on the READI-J-V questionnaire

#1Clinical Competency (CC)

Shock

Choose the letter that indicates your level of competence on each of items listed below.

- ① Not Familiar ② Somewhat Familiar ③ Neutral ④ moderately Familiar
⑤ Totally Familiar

1	How familiar are you with the different types of shock?	1	2	3	4	5
2	Are you current in Basic Life Support?	1	2	3	4	5

3	How competent are you in caring for patients in hemorrhagic shock? ① Not competent ② Have training, but no experience ③ Have training and minimal experience ④ Have training and moderate experience ⑤ Totally Competent	1	2	3	4	5
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Emergency Nursing

4	When was the last time you provided direct patient care? ① More than 3 years ago ② Within the most recent 1-3 years ③ Within the last year, but more than 6 months ago ④ Within the last 1 month-6 months ⑤ Within the last 1 month	1	2	3	4	5
5	What type(s) of triage experience and education have you	1	2	3	4	5

	had? (choose all that apply) ① I have not learned about triage yet ② Learned through journals, handouts, etc. ③ I have a plan to learn about triage future ④ Practiced triage in an Emergency Department setting ⑤ Practiced triage in a field environment on real and/or simulated patients.					
6	After receiving triage education, did you implement triage? ① No experience ② Experience for simulated Patients ③ Observation at Emergency Department ④ Experience at Emergency Department ⑤ Field experience for real patient	1	2	3	4	5
7	When was the last time you had to reconstitute medications, calculate dosages, and administer an IV medication? (choose one) ① More than 3 years ago ② Within the most recent 1-3 years ③ Within the last year, but more than 6 months ago ④ Within the last 1 month-6 months ⑤ Within the last 1 month	1	2	3	4	5
8	How competent are you to perform in a code/emergency situation? ① Not Familiar ② Somewhat Familiar ③ Neutral ④ Moderately Familiar ⑤ Totally Familiar	1	2	3	4	5

- ① Not Competent ② Have training, but no experience
 ③ Have training and minimal experience
 ④ Have training and moderate experience ⑤ Fully Competent

9	How competent are you to provide the information related to the treatment based on your ability to assess patients?	1	2	3	4	5
10	How competent are you to calculate an IV drip rate without your calculator or drug book?	1	2	3	4	5
11	How competent are you when deciding which critically ill	1	2	3	4	5

	or injured patients get seen first?					
12	Consider a situation if a doctor is not present. How competent are you in performing Advanced Cardiac Life Support (ACLS) protocols?	1	2	3	4	5

- ① Not Familiar ② Somewhat Familiar ③ Neutral
 ④ moderately Familiar ⑤ Totally Familiar

13	How competent are you taking care of life threatening injuries?	1	2	3	4	5
14	Do you understand the concept of body surface area in relation to a burn patient?	1	2	3	4	5
15	How competent are you to calculate about body surface area for burn patient?	1	2	3	4	5
16	Could you in some detail describe the life-saving Airway Breathing and Circulation (ABC) principles?	1	2	3	4	5
17	Are you competent in IV skills?	1	2	3	4	5
18	Do you feel competent to assess a multiple trauma patient?	1	2	3	4	5

Choose the letter that indicates your level of competence on each of the patient situations listed below.

- ① Not competent at all
 ② Have training, but no experience
 ③ Have training and minimal experience
 ④ Have training and moderate experience
 ⑤ Have training and fully competent

19	Care of patient with Chemical, Biological, Radiation, Nuclear, Explosive (CBRNE) injuries	1	2	3	4	5
20	Recognition of tension pneumothorax	1	2	3	4	5
21	Fluid resuscitation of a burn patient	1	2	3	4	5
22	Universal blood donor protocol	1	2	3	4	5
23	Disease surveillance and isolation procedures	1	2	3	4	5
24	Use of bag-valve-mask for resuscitation breathing	1	2	3	4	5
25	Airway management	1	2	3	4	5
26	Clinical team leadership	1	2	3	4	5
27	Caring for refugees	1	2	3	4	5

28	Antepartum/postpartum care	1	2	3	4	5
29	Field infection control procedures	1	2	3	4	5
30	Orthopedic nursing	1	2	3	4	5
31	Neurosurgical nursing	1	2	3	4	5

Physical Assessment

Please rate according to your Level of Present Knowledge/Skill (low to high level)

① Low ② Somewhat low ③ Neutral ④ Nearly high ⑤ High

32	Identify the components of a physical examination	1	2	3	4	5
33	List the five examination techniques to perform a physical examination	1	2	3	4	5
34	Perform a complete nursing assessment and interpret abnormal findings	1	2	3	4	5

Consider this situation. You get to the scene of a mass casualty. There is ground ambulance support. There is one person who appears to have been hit in the leg. The patient is losing a steady stream of blood. You have placed a dressing over the wound, but you notice you have to keep reinforcing it. You then apply a tourniquet above the injury. The dressing continues to need reinforcement. The patient's vital signs become stable after giving a one liter normal saline IV bolus.

① Have no confidence ② Somewhat no confidence ③ Neutral ④ Confidence
⑤ Totally confidence

35	If the patient continues to hemorrhage, can you judge regulation of the pressure of the tourniquet?	1	2	3	4	5
36	If the patient continues to hemorrhage, can you judge both of them? No.1: Patient can wait for evacuation No.2: Patient must be evacuated immediately	1	2	3	4	5
37	If the patient continues to hemorrhage, can you judge administer any more IV saline?	1	2	3	4	5

You are about half done with the survey.

Thank you again for completing the READI-J-V.

Several more questions to go on the following pages.

Your responses are important.

#2 Operational Competency (OC)

Consider this situation. You just received a patient from the field environment to the Emergency Department. You attach the standard electrocardiogram (ECG) electrodes to the patient. You notice an ST segment elevation. You then obtain a 12-lead ECG.

- ① Not Familiar ② Somewhat Familiar ③ Neutral
 ④ moderately Familiar ⑤ Totally Familiar

38	Do you know understand the significance of an elevated ST segment?	1	2	3	4	5
39	Do you know how to correctly place leads on the patient's chest for a 12 lead ECG?	1	2	3	4	5

Consider this situation. You just received a patient from the field environment to the Emergency Department. The patient is alert, but shows signs of breathing difficulty. You have both an oral and nasal pharyngeal airway available.

40	Can you select the appropriate airway for an alert patient? ① No confidence ② Somewhat no confidence ③ Neutral ④ Possible ⑤ Totally possible	1	2	3	4	5
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Consider this situation. Your patient with breathing difficulty begins to further deteriorate even though you inserted the airway you chose above. The patient's respiratory rate increases and the patient becomes pale and diaphoretic. You need to suction the patient.

41	Do you know for how many continuous appropriate seconds for safety suction? ① No confidence ② Somewhat no confidence ③ Neutral ④ possible ⑤ Totally possible	1	2	3	4	5
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- ① Not have training ② Have training, but no experience
 ③ Have training and minimal experience
 ④ Have training and moderate experience
 ⑤ Have training and totally Competent

42	Evacuation and Transport to Alternate Facility Procedures	1	2	3	4	5
43	Field sanitation and hygiene	1	2	3	4	5

#3 Survival Skills (SS)

- ① Not have training
 ② Have training, but no experience
 ③ Have training and minimal experience
 ④ Have training and moderate experience
 ⑤ Have training and fully Competent

44	How competent are you in your ability to appreciate the danger under the unusual circumstances?	1	2	3	4	5
45	How competent are you in your ability to navigate using a map and compass?	1	2	3	4	5
46	How competent are you in your ability to decontaminate yourself and your patient(s) using standard decontamination equipment?	1	2	3	4	5
47	Choose the letter that represents your familiarity with standard communications equipment. (e.g. field radio)	1	2	3	4	5

#4 Stress Coping

Disasters and mass casualty events bring stress and challenge which tend to compound pre-disaster stressors. How much stress are you experiencing in the following areas:

- ① Very much stressed ② Somewhat stressed ③ Neutral
 ④ Rarely stressed ⑤ No stress

48	Main work	1	2	3	4	5
49	Family	1	2	3	4	5
50	Finances	1	2	3	4	5
51	Pending legal matters, i.e. divorce or other legal problems	1	2	3	4	5

#5 Leadership and Administration Support (LAS)

52	Choose the letter that represents how you rate your department's first-line leader's knowledge about and concern for the nursing staff. ① Not applicable ② Not knowledgeable and unconcerned ③ Neutral ④ Somewhat knowledgeable and concerned ⑤ Very knowledgeable and concerned	1	2	3	4	5
53	Choose the letter that represents how you rate your department or unit's first-line leader's ability to keep you informed. ① Not applicable ② Leader does not keep me not informed at all ③ Neutral ④ Leader keeps me fairly well informed ⑤ Leader keeps me very well informed	1	2	3	4	5
54	Choose the letter that represents how you would rate your department's or patient care unit's first-line leader's acceptance of responsibility to ensure that disaster preparedness training is conducted for nursing staff. ① Not applicable ② Low sense of responsibility ③ Neutral ④ Moderate sense of responsibility ⑤ High sense of responsibility	1	2	3	4	5
55	Describe your overall feeling about your past disaster experience. ① Poor ② Fair ③ Neutral ④ Good ⑤ Excellent	1	2	3	4	5

#6 Attitude of mind

To what extent are you prepared for:

- ① Not ready at all ② Somewhat ready ③ Neutral ④ Moderately ready
⑤ Totally ready

56	Death, dying, and carnage	1	2	3	4	5
57	Your own possible death	1	2	3	4	5
58	Weather extremes	1	2	3	4	5
59	Giving medical and nursing care for the terrorists					

60	Lack of privacy	1	2	3	4	5
61	Working overtime	1	2	3	4	5
62	Do you know how to access mental health services?	1	2	3	4	5

63	Choose the letter that represents your ability to adjust to crowded and coed sleeping arrangements during a disaster or mass casualty event. ① Not acceptable ② Some ability to adjust ③ Neutral ④ Moderate to adjust ⑤ High ability to adjust	1	2	3	4	5
64	If you had to care for patients on a different unit than you currently work, you would understand the charting, nursing care, technological functions, medication administration procedures and patient care needs of that unit. ① Strongly Disagree ② Disagree ③ Neutral ④ Agree ⑤ Strongly Agree	1	2	3	4	5
65	Do you have a current will? ① No interest ② No plan to make it ③ Plan to make it ④ Proceeding ⑤ Totally ready	1	2	3	4	5

#7 Group Integration and Identification (GII)

- ① Not Familiar at All ② Familiar ③ Neutral ④ Somewhat Familiar
⑤ Very Familiar

66	How familiar are you with your department's mission, vision, and values?	1	2	3	4	5
67	How familiar are you with your role/duty assignment within your department or unit?	1	2	3	4	5

This is the end of the READI-J-V.

Thank you for completing this estimate. Please confirm again your work.
Several more Professional and Demographic questions to go on the following pages.
Your responses are important.

Professional and Demographic Data

Please place an [] or fill in the blank in each item below to indicate your response.

1	What is your gender? 1 Male 2 Female
2	What is your age? (fill in blank) []
3	Select your current professional role (select only one response) 1 Registered Nurse 2 Midwife 3 Public Health Nurse ※If you have the Certified Nurse or Certified Nurse Specialist, please write your specialty (field). 4 Certified Nurse (CN) [] 5 Certified Nurse Specialist (CNS) []
4-1	What is your current primary nursing specialty? (Check only one) 1 Psychiatric Nurse 2 Internal Medicine Nurse 3 Surgical Nurse 4 Emergency Nurse 5 Perioperative Nurse 6 OB-GYN Nurse 7 ICU Nurse 8 Pediatric Nurse 9 Orthopedic Nurse 10 Nurse Instructor 11 Homecare Nurse 12 Other _____
4-2	How many years of professional nursing experience do you have in the nursing specialty you checked in question number 4-1 above? _____ years
5	What is your current position? (check only one) 1 Staff Nurse 2 Charge Nurse 3 Head Nurse 4 Manager/Director/Executive
6	How many years of nursing experiences do you have? _____ years
7	When did you dispatch after disaster occurred? If you dispatched again and again, please write your first activity. <u>After _____ hours, days, weeks, or month/s (circle one)</u>
8	How many days, weeks, or months did you participate the disaster relief activities in disaster area? _____ days, weeks, or month/s (circle one)
9	Which medical facility, etc did you assign in this activity 1 Hospital 2 Shelter 3 local government 4 first - aid station 5 Health care center 6 DMAT Member 7 Mental Care Team Member 8 Other _____
10-1	Did you dispatch this activity two times over? 1 Yes 2 No (If Yes, proceed to question 10-2)
10-2	How many times did you attend this activity? [] times

11-1	Have you ever practiced nursing in a country outside Japan? (If Yes, proceed to question 11-2) 1 Yes 2 No
11-2	What was the length of time for your overseas nursing experience (longest, if more than one)? 1 Within 2 weeks 2 more than two weeks but less than 30 days 3 more than 30 days but less than 90 days 4 up to 90 days
12	What is your dispatch status? 1 I am dispatched. 2 I am not dispatched but will dispatch within 90 days. 3 I am not dispatched and will not dispatch within 90 days. 4 I am specified as a member of DMAT 5 Other _____
13-1	When have you ever participated in the latest disaster training exercise (drill)? (e.g. 4/21/2002)_____.
13-2	How long was the training? _____ days, weeks, or month/s (circle one).
14	Have you ever been involved in a real life natural or man-made disaster? 1 Yes 2 No
15	Have you ever dispatched before this disaster? 1 Yes 2 No

You have completed the questionnaire.
Thank you so much for taking part in this study
and assisting us with the development of this instrument.