Survey questionnaire (Certification standards of the Electronic Medical Record (EMR) certification system by the Korea Health Information Service was provided to the survey subjects along with the questionnaire.)

	Basic Demographic Information	
1.	Where is your affiliated organization?	
	Medical institution (→ please proceed to 2-1 and respond)	□
	Non-medical institution (→ please proceed to 2-2 and respond)	□
2.	2-1. Which medical institution do you belong to?	
	Clinic (hospitals and clinics with fewer than 100 beds)	□
	General hospital (medical institutions with more than 100 beds)	□
	Tertiary referral hospital (medical institutions with more than 500 beds that meet the designated standards of the Ministry of Health and Welfare)	□
	Other:	
	2-2. Which non-medical institution do you belong to?	
	University	□
	Research institute	□
	Government institution	□
	Other:	
3.	What's your occupation?	
	Nurse	□
	Doctor	□
	Other:	
4.	How long is your work experience?	
	Less than one year	□
	Between 1 and 5 years	□
	Between 5 and 10 years	□

	Over 10 years						□

Other:

Patient-specific Educational Material (F061)

1. What is the conditional item expected to be most effective* when providing patient-specific educational materials (PEMs) through the EMR system?

   (effective*: increase compliance with treatment, positive effects on clinical results, and quality improvement, such as patient safety improvement effects)

   ※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six detailed questions. (1 is close to disagreement and 7 is close to agreement.)

Items	1	2	3	4	5	6	7
Diagnosis/Disease	□	□	□	□	□	□	□
Drugs/Side effects of drugs	□	□	□	□	□	□	□
Demographics (gender, age)	□	□	□	□	□	□	□
Examination/Test results	□	□	□	□	□	□	□
Surgery/Intervention	□	□	□	□	□	□	□
Pregnancy/Lactation	□	□	□	□	□	□	□

   Other:

2. What is the most expected effect of providing PEMs to patients?

   ※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six detailed questions. (1 is close to disagreement and 7 is close to agreement.)

Items	1	2	3	4	5	6	7
Increase the patient's knowledge about their disease	□	□	□	□	□	□	□
Enhanced understanding of the treatment processes and procedures by patients	□	□	□	□	□	□	□
beware of contraindications related	□	□	□	□	□	□	□

to disease/treatment							
Beware of side effects related to disease/treatment	□	□	□	□	□	□	□
Changes in behavior related to promote treatment effectiveness	□	□	□	□	□	□	□
Familiar with handling the unexpected health condition (e.g., side effects, acute exacerbation of disease progression, etc.)	□	□	□	□	□	□	□
Other:							

3.	If we can provide PEMs to patients through the EMR system, which method is preferable? (choose 1)	
	when healthcare providers enter a prescription or diagnosis, PEMs sent after a separate confirmation process or selection process (auto request-sending after confirmation)	□
	When healthcare providers enter a prescription or diagnosis, PEMs sent after a separate confirmation process or selection process (auto request-sending after confirmation).	□
	When healthcare providers press a separate button on the patient's prescription screen, PEMs automatically sent without further confirmation (passive request-auto sending).	□
	When healthcare providers press a separate button on the patient's prescription screen, the appropriate content for the patient can be checked and sent (passive request-sending after confirmation)	□
	Healthcare providers can directly search/select the desired educational materials from the list of content and send them to the patient (sending in person).	□

Other:

4.	What do you think is most necessary condition for providing PEMs through the EMR system?							
	※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six detailed questions. (1 is close to disagreement and 7 is close to agreement.)							
	Items	1	2	3	4	5	6	7
	Government support for the development of PEMs provision system	□	□	□	□	□	□	□
	Arrangement of national insurance fee for PEMs	□	□	□	□	□	□	□
	Itemization of "essential" according to the EMR certification evaluation criteria	□	□	□	□	□	□	□
	Clinical/economic effect verification study	□	□	□	□	□	□	□
	Patient's active needs/group activities	□	□	□	□	□	□	□
	Other:							

5.	If you can provide PEMs through the EMR system, what is the most appropriate standard for setting a fee? (choose 1)	
	The number of cases for which PEMs were provided	□
	The number of PEMs checked by the patient	□
	The number of cases confirmed by healthcare providers in which the patient understood the educational content	□
	The number of cases confirmed by healthcare providers in which patient education is effective	□

	Other:

6.	What is the appropriate fee per session if you can provide PEM to patients through the EMR system?
	Fee per session scale (0~100,000 won):

7.	Do you have any other opinions on the PEMs function through EMR?

Healthcare Information Notification (F062)

1. What is the conditional item expected to be most effective* when providing health-related notifications/alarms (HNAs) through the EMR system?

(effective*: increase compliance with treatment, positive effects on clinical results, and quality improvement, such as patient safety effects.)

※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six detailed questions. (1 is close to disagreement and 7 is close to agreement.)

Items	1	2	3	4	5	6	7
Diagnosis/Disease	☐	☐	☐	☐	☐	☐	☐
Drugs/Side effects of drugs	☐	☐	☐	☐	☐	☐	☐
Demographics (gender, age)	☐	☐	☐	☐	☐	☐	☐
Examination/Test results	☐	☐	☐	☐	☐	☐	☐
Surgery/Intervention	☐	☐	☐	☐	☐	☐	☐
Pregnancy/Lactation	☐	☐	☐	☐	☐	☐	☐

Other:

2. What is the most expected effect of providing HNAs to patients via email or mobile phone?

※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six detailed questions. (1 is close to disagreement and 7 is close to agreement.)

Items	1	2	3	4	5	6	7
Health information can be viewed without omission	☐	☐	☐	☐	☐	☐	☐

		□	□	□	□	□	□	□
	The ability to check information promptly	□	□	□	□	□	□	□
	The ability to check the information at all times	□	□	□	□	□	□	□
	Follow the precautions/instructions well	□	□	□	□	□	□	□
	Increasing trust and positive perception	□	□	□	□	□	□	□
	Other:							
3.	If we can provide HNAs to patients through the EMR system, which method do you think would be preferable? (choose 1)							
	when healthcare providers enter a prescription or diagnosis, HNAs sent after a separate confirmation process or selection process (auto request-sending after confirmation)							□
	When healthcare providers enter a prescription or diagnosis, HNAs sent after a separate confirmation process or selection process (auto request-sending after confirmation).							□
	When healthcare providers press a separate button on the patient's prescription screen, HNAs automatically sent without further confirmation (passive request-auto sending).							□
	When healthcare providers press a separate button on the patient's prescription screen, the appropriate content for the patient can be checked and sent (passive request-sending after confirmation)							□
	Other:							□
4.	What do you think is most important for providing HNAs to patients through the EMR system? ※ This question uses a 7-point Likert scale. Please avoid selecting the consistent value for the six							

detailed questions. (1 is close to disagreement and 7 is close to agreement.)							
Items	1	2	3	4	5	6	7
Government support for an EMR system to send HNAs	□	□	□	□	□	□	□
Arrangement of a fee scale	□	□	□	□	□	□	□
Itemization of "essentials" according to EMR certification evaluation criteria	□	□	□	□	□	□	□
Clinical/economic effect verification study	□	□	□	□	□	□	□
Patient's active needs or group activities	□	□	□	□	□	□	□
Other:							

6. What is the appropriate fee for providing HNA to patients through the EMR system?

Fee per session scale (0~100,000 won):

7. Do you have any other opinions on the HNAs function through EMR?