[Efficacy of smartphone application-based pulmonary rehabilitation in chemotherapy-treated patients with advanced lung cancer: a pilot study]

Patient Initials	Subje	ct Num	nber					2
	Date	2	0		-		-	

## Service satisfaction survey

## I. Satisfaction in Smart Aftercare service

1. The following is a survey on the degree of satisfaction and future use of Smart Aftercare service.

) How satisfied are you with the Smart Aftercare Service?	Very satisfied	Satisfied	Neutral	Dissatisfied	Not at all			
<ul> <li>2) If answering "Dissatisfied" or "Not at all" in the above question, what is the reason? (multiple responses are allowed)</li> <li>① Not helpful for general healthcare</li> </ul>								
<ul> <li>D Not helpful for general healthcare</li> <li>D Difficulty in handling application</li> </ul>								
③ Method too cumbersome		_						
(4) Does not provide immediate med		-						
5 Less than adequate care as comp								
<ul><li>⑥ Affects household economy negation</li><li>⑦ Causes incidental expenses (smarting)</li></ul>		-		xpenses)				
⑧ Frequent change to clinic visit so	hedule by n	nedical doc	ctor					
④ Too simple a treatment								
I Fear of loss of privacy								
① Systemic error (application error	or IoT devid	ce error)						
① Miscellaneous (		)						

3) Are you satisfied with the information taken from the Smart Aftercare	Very satisfied	Satisfied	Neutral	Dissatisfied	Not at all
Service?					

4) Are you willing to use the Smart Aftercare service after research	Highly	Probably	Neutral	Probably not	Not at all
completion?					
<ul><li>5) If answering "Highly" or "Probably" i responses are allowed)</li><li>① Good for general healthcare</li></ul>	n the above	e question,	, what is	the reason?	(multiple
② Convenient to use, regardless of time a	and place				
③ Gives immediate medical feedback					
④ Sufficient consultation from medical pr	ovider				
5 Makes high-quality medical service ava	nilable				
6 Good for household economy					
⑦ High-tech and professional service					
⑧ Miscellaneous (			)		

6) Are you willing to recommend Smart Aftercare service to other patients?	Highly	Probably	Neutral	Probably not	Not at all	
Altercare service to other patients:						
7) If answering "Highly" or "Probably" i responses are allowed)	n the above	e question,	what is	the reason?	(multiple	
① Good for general healthcare						
2 Convenient to use, regardless of time a	and place					
③ Gives immediate medical feedback						
④ Sufficient consultation from medical pr	ovider					
5 Makes high-quality medical service ava	ailable					
6 Good for household economy						
⑦ High-tech and professional service						
⑧ Miscellaneous (			)			

2. The following is the survey on the device and program used for the Smart Aftercare service.

1) How satisfied are you with the quality of communication with the medical	Very satisfied	Satisfied	Neutral	Dissatisfied	Not at all
team provided by the Smart Aftercare Service?					
2) Was it easy to use the devices associated with the Smart Aftercare	Very easy	Easy	Neutral	Not easy	Not at all
Service?					
<ul><li>Were vital signs, assessed by the provided devices, correctly transmitted?</li><li>Was it easy to use devices associated with the Smart Aftercare Service?</li></ul>	Excellent	Good	Neutral	Bad	Not at all
4) Was the network used for the service	Excellent	Good	Neutral	Bad	Not at all
fast and stable?					
5) Was the quality of the provided devices <sup>*</sup> appropriate for the service?	Excellent	Good	Neutral	Bad	Not at all
* Device: IoT wearable device, thermometer, scale, etc.					
6) Was the quality of the application and	Excellent	Good	Neutral	Bad	Not at all
program appropriate for the service?					

## 3. The following is the survey on errors of the device and program used for the Smart Aftercare service.

1) Have you ever	er experienced the trouble	because of err	or during th	he Smart	Aftercare	service?
① Yes	② No					

2) If answering 'Yes' in the above question, what was the cause of the error? (multiple responses are allowed)

1) Device error 2) Network error 3) Program error

④ Unskilled operator

⑤ Miscellaneous (

## 4. The following is the survey on the utility of the Smart Aftercare service.

1) Are you managing your health status	Mark	Somewhat			
more continuously than before you	Much more	more	Neutral	Not more	Not at all
participated in the Smart Aftercare					
service?					

2) Do you pay more attention to your health management now than before	Much more	Somewhat more	Neutral	Not more	Not at all
you participated in the Smart Aftercare					
service?					

3) Did the animation videos facilitate your	Much more	Somewhat more	Neutral	Not more	Not at all
understanding of the contents?					

4) Were the CT images provided by the Smart Aftercare service helpful for	Very satisfied	Satisfied	Neutral	Dissatisfied	Not at all
understanding your disease status?					

5) Were the management algorithms for adverse events helpful for controlling	Very satisfied	Satisfied	Neutral	Dissatisfied	Not at all
symptoms and determining when to visit the hospital?					
6) Did you come to follow your doctor's advice better after using the Smart	Much more	Somewhat more	Neutral	Not more	Not at all
Aftercare service?					
7) Do you think your doctor referred to the information gathered by the Smart	Excellent	Good	Neutral	Bad	Not at all
Aftercare service in making treatment decisions?					
8) Are you willing to continue to visit the medical institution that provided the	Excellent	Good	Neutral	Bad	Not at all
Smart Aftercare service?					
9) Was the credibility of the medical institution that provided the Smart	Highly improved	Improved	Neutral	Not improved	Not at all
Aftercare service improved?					
10) Do you think that the Smart Aftercare service is a good approach to use for	Strongly agree	Somewhat agree	Neutral	Not agree	Strongly disagree
patients with severe disease (cancer and heart disease)?					

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5-1. Are you	willing to use the Sma	rt Aftercare service	if it charges	users for the service?
① Yes	② No			

5-2. If answering 'yes' in the above question, how much are you willing to pay for a month?