# **Supplemental Digital Chart 1**

# Preliminary Template for Continuing Medical Education Evaluation Instrument Focused on Physician Attitudinal Change, $2007^*$

Dama	~**	ممنا
Demog	grap	mes

Please circle your specialty						
Dlagga girala your	Academia	Government	Industry			
Please circle your affiliation  Community Practice		Other(Please specif	Other(Please specify)			
Please indicate number of years in practice:						
Your date of birth (mm/dd/yy):						
Your initials:						
Are you seeking CME	credits?	YES	NO			
Your gender:		FEMALE	MALE			

### Behavioral Beliefs

[Medical procedure] will lead to a lower mortality rate of the [type of] patients. (MORTALIT)	Unlikely (1)—Likely (7)
[Medical procedure] will improve the [medical index] of [type of] patients. (SURVIVAL)	
[Medical procedure] will have fewer side effects for [type of] patients. (SIDEEFFE)	
[Medical procedure] will reduce the overall medical costs for [type of] patients. (MEDCOST)	

### Attitudes

The practice of [medical procedure] is								
Not credible	1	2	3	4	5	6	7 (CREDIBLE)	Credible
Unsafe	1	2	3	4	5	6	7 (SAFE)	Safe
Harmful	1	2	3	4	5	6	7 (BENE)	Beneficial
Ineffective	1	2	3	4	5	6	7 (EFFECTIV)	Effective
Frustrating	1	2	3	4	5	6	7 (SATISFY)	Satisfying
Impractical	1	2	3	4	5	6	7 (USEFUL)	Useful
Hard	1	2	3	4	5	6	7 (SIMPLE)	Easy

Supplemental digital content for Tian J, Atkinson NL, Portnoy B, Lowitt NR. The Development of a Theory-Based Instrument to Evaluate the Effectiveness of Continuing Medical Education. Acad Med. 2010;85(9).

My colleagues think I should share information about <a href="mailto:[medical procedure">[medical procedure]</a> with the [type of] patients. (SNSHINPA)	Unlikely (1)—Likely (7)
My colleagues think I should share knowledge of [medical procedure] with physicians who do not attend the conference. (SNSHKNPH)	
My colleagues think I should recommend [medical procedure] to the [type of] patients (SNRECOMM)	
My colleagues think I should refer the [type of] patients to the trails of <a href="mailto:left">[medical procedure]</a> (SNREFER)	

### **Behavioral Intention**

I intend to	Unlikely (1)—Likely (7)
share information about [medical procedure] with [type of] patients. (INTSHPA)	
share knowledge of [medical procedure] with physicians who do not attend the conference. (NTSHPH)	
review the literature about [medical procedure]. (INTREVIE)	
apply knowledge of [medical procedure] in developing research studies. (INTAPPLY)	
evaluate/assess [type of] patients' eligibility of	
receiving [medical procedure] in [specific instance].	
(INTEVALIT)	
recommend [medical procedure] to [type of] patients in [specific instance]. (INTRECHO)	
refer [type of] patients to appropriate trials in [medical	
procedure]. (INTREFHO)	

# Perceived Behavioral Control (Self-Efficacy)

Rate your confidence level in		
sharing information about [medical procedure] with [type of] patients. (SESHINPA)	Unconfident (1) Confident (7)	
sharing knowledge of [medical procedure] with physicians who do not attend the conference.		

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(SESHKNPH)	
<pre>evaluating/assessing [type of] patients' eligibility of receiving [medical procedure] in [specific instance]. (SEEVSUIT)</pre>	
recommending [medical procedure] to [type of] patients in [specific instance]. (SERECOMM)	
referring [type of] patients to appropriate trials in [medical procedure]. (SEREFER)	
applying knowledge of [medical procedure] in developing research studies. (SEAPPLY)	
evaluating [medical procedure] papers critically when they appear in the literature. (SEEVALIT)	

<sup>\*</sup>Text in brackets – "[...]" – indicates the information that should be inserted at that location by continuing medical education meeting organizers conducting the evaluations. Text in all capital letters in parentheses indicates the variable names listed in Table 3.

# **Supplemental Digital Chart 2**

# Final Template for CME Evaluation Instrument Focused on Physician Attitudinal Change, 2007\*

Demographics					
Please circle your specialt	y				
Dlagga simala vigur	Acac	lemia	Governi	ment	Industry
Please circle your dominant affiliation	Com	munity Practice	Other	(Please	specify)
Patient care ONLY:					
Please indicate number of		Research (non-patient care) ONLY:			
years in		Patient care ANI	) Resear	ch at the	same time:
Your age:					
Do you seek CME credits	?	YES		NO	
Your gender:		FEMAL	E	MALE	

### Positive Behavioral Beliefs

[Medical procedure] will have fewer side effects for [type of] patients.	Unlikely (1)—Likely (7)
[Medical procedure] will reduce the overall medical costs for [type of] patients.	

# Negative Behavioral Beliefs

[Medical procedure] will increase the risk of harmful medical procedure for [type of] patients.	Unlikely (1)—Likely (7)
[Medical procedure] will increase the adverse clinical results for [type of] patients.	

# Attitudes

The [medical prod	cedı	ure]	is.					
Unsafe	1	2	3	4	5	6	7	Safe
Harmful	1	2	3	4	5	6	7	Beneficial
Ineffective	1	2	3	4	5	6	7	Effective
Frustrating	1	2	3	4	5	6	7	Satisfying
Impractical	1	2	3	4	5	6	7	Useful

Subjective Norms	
My colleagues think I should	Unlikely (1)—Likely (7)
share information about [medical procedure] with the	]
[type of] patients.	
share knowledge of [medical procedure] with	]
physicians who do not attend the conference.	
recommend [medical procedure] to the [type of]	7

# patients refer the [type of] patients to the trials of <u>[medical procedure]</u>

#### Behavioral Intention

I intend to	Unlikely (1)—Likely (7)
provide [medical procedure] to [type of] patients in	
[specific instance].	
refer [type of] patients to appropriate trials in [medical procedure].	

### Perceived Behavioral Control (Self-Efficacy)

Rate your confidence level in				
sharing information about [medical procedure] with	Unconfident (1) Confident			
[type of] patients.	(7)			
sharing knowledge of [medical procedure] with				
physicians who do not attend the conference.				
evaluating/assessing [type of] patients' eligibility of				
receiving [medical procedure] in [specific instance].				
recommending [medical procedure] to [type of] patients				
in [specific instance].				
referring [type of] patients to appropriate trials in				
[medical procedure].				
applying knowledge of [medical procedure] in				
developing research studies.				
evaluating [medical procedure] papers critically when				
they appear in the literature.				

<sup>\*</sup>Text in brackets – "[...]" – indicates the information that should be inserted at that location by CME meeting organizers conduct the evaluations. Text in all capital letters in parentheses indicates the variable names listed in Table 3. CME indicates continuing medical education.