

## Supplement 1. Pre-intervention Attitude Score Questionnaire for IV-Line Insertion, NGT Insertion, and Neonatal Resuscitation Course

Statement	Score				
	1	2	3	4	5
Attitude in performing IV-line insertion					
Willingness: I desire to self-learning about IV-line insertion before getting the IV-line insertion course virtually.					
Understanding: I understand the IV-line insertion procedure systematically before getting the IV-line insertion course virtually.					
Capacity: I am able to do IV-line insertion procedure systematically before getting the IV-line insertion course virtually.					
Self-efficacy: I am able to implement IV-line insertion procedures for patients with indication, before getting the IV-line insertion course virtually.					
Intended behavior: Before getting the IV-line insertion course virtually, I will insert an IV-line access with my competencies for patients in need.					
Attitude in performing NGT insertion					
Willingness: I desire to self-learning about NGT insertion before getting the NGT insertion course virtually.					
Understanding: I understand the NGT insertion procedure systematically before getting the NGT insertion course virtually.					
Capacity: I am able to do the NGT insertion procedure systematically before getting the NGT insertion course virtually.					
Self-efficacy: I am able to implement NGT insertion procedures for patients with indication, before getting the NGT insertion course virtually.					
Intended behavior: Before getting the NGT insertion course virtually, I will insert an NGT access with my competencies for patients in need.					
Attitude in performing neonatal resuscitation					
Willingness: I desire to self-learning about neonatal resuscitation before getting the neonatal resuscitation course virtually.					
Understanding: I understand the neonatal resuscitation procedure systematically before getting the neonatal resuscitation course virtually.					
Capacity: I am able to do neonatal resuscitation procedure systematically before getting the neonatal resuscitation course virtually.					
Self-efficacy: I am able to implement neonatal resuscitation procedures for patients with indication, before getting the neonatal resuscitation course virtually.					
Intended behavior: Before getting the neonatal resuscitation course virtually, I will insert n neonatal resuscitation with my competencies for patients in need.					

IV: Intravenous, NGT: Nasogastric tube.