Table 2. Item estimation in high-fidelity simulator station

Item	P+	D+	Pbis	Suggestion
Physics				
$1._{1}$	0.34	0.19	0.22	replace with better one or modify
$1._{2}$	0.62	0.29	0.36	modify often
$1._{3.a}$	0.88	-0.05	0.03	replace with better one or modify
$1._{3.c}$	0.64	0.21	0.25	modify often
Patient’s history				
$1._{4}$	0.38	0.37	0.31	modify probably
Relevant laboratory analysis				
$1._{5.a}$	0.69	0.25	0.21	modify often
$1._{5.b}$	0.34	0.42	0.3	modify un-necessarily
$1._{5.c}$	0.29	0.32	0.3	modify probably
Clinical judgment				
$2._{1}$	0.74	0.21	0.19	modify often
Differential diagnosis				
$2._{2}$	0.36	0.2	0.28	modify often
Management plans				
$3._{1}$	0.41	0.11	0.1	replace with better one or modify
$3._{3.b}$	0.88	0.22	0.22	modify often
$3._{3.c}$	0.5	0.38	0.35	modify probably
$3._{4.a}$	0.43	0.2	0.26	modify often
$3._{4.c}$	0.53	0.07	0.16	replace with better one or modify
$3._{4.d}$	0.09	0	0.16	replace with better one or modify

§ Difficulty (P) ＝（Passed rate in HSG＋Passed rate in LSG） / 2*100 ; (1) P＜0.25：too difficult；(2) 0.25＜P＜0.4：difficult；(3) 0.4＜P＜0.7：appropiate；(4) 0.7＜P＜0.9：easy；(5) P＞0.9：too easy

＊ Discrimination (D) ＝Passed rate in HSG－Passed rate in LSG / 100 ; (1) > 0.4；excellent (2) 0.3~0.39；good，modify probably (3) 0.2~0.29；acceptable，modify often (4) < 0.19: poor，replace with better one or modify