

**Supplementary Table 1.** Seoul National University Hospital–Nutrition Screening Index (SNUH-NSI)

Variable	R1	R2	R3
Appetite	Bad	-	Normal/good
Change of weight	Yes	-	No
Difficulty in digesting	-	Yes	No
Diet type	Fluid diet	Soft blended diet or NPO	Normal regular diet
Serum-albumin (g/dl)	<2.8	2.8–3.3	≥3.3
Serum-cholesterol (mg/dl)	-	<130	≥130
Total lymphocyte count (cells/mm <sup>3</sup> )	<800	800–1,500	≥1,500
Hemoglobin (g/dl)	-	Male <13.0 Female <12.0	Male ≥13.0 Female ≥12.0
C-reactive protein (mg/dl)	-	> 1	≤1
BMI (kg/m <sup>2</sup> )	-	<18 or ≥25	18–25
Age	-	>75	≤75
Status of malnutrition	P1: high risk group of malnutrition; (more than 2 of R1) or (1 of R1 and more than 2 of R2) P2: medium risk group of malnutrition; (1 of R1) or (more than 2 of R2) P3: low risk group of malnutrition; the others		

BMI: body mass index; R: risk factor; NPO: nothing by mouth.