

Table 2: Prevalence of malnutrition and 1-year mortality of patients with heart failure stratified by BMI and NTproBNP.

		BMI Categories (kg/m ²)				
		Underweight <18.5 (N=48)	Normal 18.5-24.9 (N=854)	Overweight 25-29.9 (N=1256)	Obese 30-39.9 (N=1061)	Morbidly obese ≥40 (N=167)
CONUT	% malnourished (any degree)	77	59	54	49	56
	% malnourished (mod-sev)	21	15	9	7	11
	1 year mortality (%)	56 vs 42 vs 9	38 vs 17 vs 8	23 vs 11 vs 6	17 vs 9 vs 5	33 vs 5 vs 9
	Malnutrition (mod-sev vs mild vs none)					
GNRI	% malnourished (any degree)	96	49	6	0	0
	% malnourished (mod-sev)	88	20	1	0	0
	1 year mortality (%)	40 vs 0 vs 50	41 vs 15 vs 8	43 vs 9	NA	NA
	Malnutrition (mod-sev vs mild vs none)					
PNI	% malnourished (mod-sev)	26	11	7	4	7
	1 year mortality (%)	50 vs 32	50 vs 12	26 vs 9	24 vs 7	36 vs 8
	Malnutrition (mod-sev vs none)					

		NTproBNP categories (ng/L)				
		≤400 (N=822)	401-1000 (N=776)	1001-2000 (N=697)	2001-4000 (N=553)	>4000 (N=538)
CONUT	% malnourished (any degree)	39	47	54	62	78
	% malnourished (mod-sev)	3	4	8	12	31
	1 year mortality (%) Malnutrition (mod-sev vs mild vs none)	10 vs 4 vs 3	19 vs 8 vs 5	20 vs 11 vs 5	25 vs 12 vs 11	37 vs 31 vs 20
GNRI	% malnourished (any degree)	5	10	15	22	38
	% malnourished (mod-sev)	2	4	5	7	20
	1 year mortality (%) Malnutrition (mod-sev vs mild vs none)	29 vs 7 vs 3	25 vs 5 vs 6	25 vs 13 vs 8	28 vs 14 vs 12	57 vs 30 vs 22
PNI	% malnourished (mod-sev)	2	3	6	9	23
	1 year mortality (%) Malnutrition (mod-sev vs none)	20 vs 3	27 vs 6	26 vs 8	30 vs 12	47 vs 25

*There are only two underweight (BMI < 18.5 kg/m²) patients classified as not malnourished by GNRI. There is no underweight patient classified as mildly malnourished by GNRI.

CONUT = Controlling nutritional status, GNRI = Geriatric nutritional risk index, HF= heart failure, Mod-sev = moderate to severe, NTproBNP = N-terminal Pro Brain Natriuretic Peptide, PNI = Prognostic nutritional Index.