

SUPPLEMENTARY MATERIAL

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Classification of COPD as ABCD according to GOLD 2011 and 2017 versions in COPD patients at University Medical Center in Ho Chi Minh City, Vietnam

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Subjects	Total	GOLD 1	GOLD 2	GOLD 3	GOLD 4	p-value
Subjects		n = 36	n = 194	n = 190	n = 37	
Age group, n (%)						< 0.001
	28 (6.1%)			13		
40-49		5 (13.9%)	7 (3.61%)	(6.84%)	3 (8.11%)	
	102		38	44	14	
50-59	(22.3%)	6 (16.7%)	(19.6%)	(23.2%)	(37.8%)	
	167		66	76	18	
60-69	(36.5%)	7 (19.4%)	(34.0%)	(40.0%)	(48.6%)	
	160	18	83	57		
>= 70	(35.0%)	(50.0%)	(42.8%)	(30.0%)	2 (5.41%)	

Supplementary Table 1. Comparison of patients in different GOLD stages.



Calling to	Low-risk group	High-risk group		
Subjects	n=184	n=273	p-value	
Age (years), mean ± SD	65.3 ± 10.7	65.3 ± 9.84	0.981	
Age group, n (%)			0.063	
40-49	13 (7.07%)	15 (5.49%)		
50-59	48 (26.1%)	54 (19.8%)		
60-69	54 (29.3%)	113 (41.4%)		
>=70	69 (37.5%)	91 (33.3%)		
Male, n(%)	173 (94.0%)	260 (95.2%)	0.567	
BMI°	21.1 (4.62)	21.0 (5.22)	0.442	
BMI classification, n(%)			0.683	
Underweight	42 (22.8%)	67 (24.5%)		
Normale range	86 (46.7%)	121 (44.3%)		
Overweight	27 (14.7%)	49 (17.9%)		
Obese	29 (15.8%)	36 (13.2%)		
Dyspnoea, n (%)	138 (75.0%)	232 (85.0%)	0.011	
Cough, n (%)	143 (77.7%)	235 (86.1%)	0.024	
Sputum, n (%)	126 (68.5%)	226 (82.8%)	0.001	
Wheezing, n (%)	115 (62.5%)	219 (80.2%)	<0.001	
FVC°	73.0 (22.3)	67.0 (24.0)	<0.001	
FEV1°	56.0 (23.0)	45.0 (20.0)	<0.001	
FEV1FVC°	56.0 (11.0)	52.0 (12.0)	<0.001	
GOLD_therapy, n(%)			<0.001	
LABA	70 (38.0%)	10 (3.66%)		
LABA + ICS	29 (15.8%)	47 (17.2%)		
LAMA	12 (6.52%)	11 (4.03%)		
LAMA + LABA	57 (31.0%)	105 (38.5%)		
LAMA + LABA + ICS	7 (3.80%)	97 (35.5%)		
SABA/ SABA + SAMA	9 (4.89%)	3 (1.10%)		

Supplementary Table 2. Comparison of patients between low-risk group (A-B) and high-risk group (C-D) according to GOLD 2017 criteria.

°Non-normal distribution data were expressed as medians (interquartile range).



Country	Year of	Sample	%C to %A	%D to %B	Deferences
	research	size	(% change)	(% change)	References
China	2019	1278	2.2% - 1.2%	70.7% - 48.4%	[9]
			(1%)	(22.3%)	
China	2017	1532	26.8% - 12%	43% - 25.2%	[7]
			(14.9%)	(17.8%)	
Korea	2018	1880	6.6% - 2.2%	38.1% - 14.4%	[12]
			(4.4%)	(22.4%)	
Taiwan	2018	1053	6.7% - 1.9%	34.2% - 11.6%	[10]
			(4.8%)	(22.6%)	
Japan	2018	1168	9.9% - 2.7%	29.8% - 10%	[11]
			(7.2%)	(19.8%)	
Switzerland	2018	571	10.9% - 5.1%	36.1% - 19.3%	[15]
			(5.8%)	(16.8%)	
Our study	2021	457	13.1% - 12%	61.1% - 47.8%	
			(1.1%)	(13.3%)	

Supplementary Table 3. Percentage of reclassified group in some studies.

