

Supplementary Table 4. Comorbidity by disease code and health conditions

Comorbidity by KCD-7 code	Total	Age group of total CHC patients					Gender		Cirrhosis status		DAA exposure		p value	
		18-34 years	35-44 years	45-54 years	55-64 years	65-74 years	≥ 75 years	Male	Female	without cirrhosis	with cirrhosis	Unexposed		Exposed
Hypertension	16,769 (34.1)	26 (2.1)	305 (9.5)	2,181 (20.1)	4,779 (31.3)	5,286 (46.6)	4,192 (57.2)	7,796 (34.1)	8,973 (34.0)	15,776 (33.8)	993 (38.0)	8,931 (33.7)	7,838 (34.4)	< 0.0001
Dyslipidemia	10,583 (21.5)	100 (8.2)	464 (14.4)	2,023 (18.6)	3,599 (23.6)	2,865 (25.3)	1,532 (20.9)	4,508 (19.7)	6,075 (23.0)	10,231 (21.9)	352 (13.5)	5,777 (21.8)	4,806 (21.1)	< 0.0001
Diabetes mellitus	9,777 (19.9)	29 (2.4)	237 (7.3)	1,711 (15.8)	2,961 (19.4)	2,843 (25.1)	1,996 (27.3)	5,466 (23.9)	4,311 (16.4)	9,021 (19.4)	756 (28.9)	5,047 (19.1)	4,730 (20.8)	0.0013
Peptic ulcer or gastrointestinal ulcer	3,872 (7.9)	21 (1.7)	149 (4.6)	699 (6.4)	1,156 (7.6)	1,097 (9.7)	750 (10.2)	1,727 (7.6)	2,145 (8.1)	3,640 (7.8)	232 (8.9)	2,065 (7.8)	1,807 (7.9)	< 0.0001
Ischemic heart diseases	3,052 (6.2)	- ^{a)}	- ^{a)}	294 (2.7)	772 (5.1)	1,109 (9.8)	847 (11.6)	1,695 (7.4)	1,357 (5.1)	2,896 (6.2)	156 (6.0)	1,746 (6.6)	1,306 (5.7)	< 0.0001
Cerebrovascular diseases	2,824 (5.7)	9 (0.7)	33 (1.0)	255 (2.3)	705 (4.6)	943 (8.3)	879 (12.0)	1,317 (5.8)	1,507 (5.7)	2,670 (5.7)	154 (5.9)	1,614 (6.1)	1,210 (5.3)	< 0.0001
Chronic renal disease	1,437 (2.9)	7 (0.6)	62 (1.9)	265 (2.4)	416 (2.7)	362 (3.2)	325 (4.4)	936 (4.1)	501 (1.9)	1,329 (2.9)	108 (4.1)	770 (2.9)	667 (2.9)	0.0066
Alcoholic liver disease	1,179 (2.4)	9 (0.7)	77 (2.4)	420 (3.9)	450 (2.9)	156 (1.4)	67 (0.9)	940 (4.1)	239 (0.9)	1,016 (2.2)	163 (6.2)	629 (2.4)	550 (2.4)	0.0214
Chronic hepatitis B	861 (1.7)	15 (1.2)	81 (2.5)	233 (2.1)	289 (1.9)	158 (1.4)	85 (1.2)	463 (2.0)	398 (1.5)	78 (1.7)	73 (2.8)	427 (1.6)	434 (1.4)	0.8114
Schizophrenia, schizotypal and delusional disorders	613 (1.2)	12 (1.0)	63 (1.9)	217 (2.0)	201 (1.3)	73 (0.6)	47 (0.6)	409 (1.8)	204 (0.8)	559 (1.2)	54 (2.1)	300 (1.1)	313 (1.4)	0.5995

Values are presented as number (%).

The mean number of comorbidities by disease code was counted if patients having at least one comorbidity using diagnostic KCD-7 disease code. KCD, Korean version of the International Classification of Disease; CHC, chronic hepatitis C; DAA, direct-acting antiviral.

^{a)}As per Health Insurance Review & Assessment Service, counts/values ≤ 3 are masked.