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Prevalence of Cirrhosis in Hepatitis C Patients in the Chronic Hepatitis Cohort Study (CHeCS): A Retrospective and Prospective Observational Study

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Supplementary Material

Supplementary Table 1: Proportion of Patients with Cirrhosis Indicated by Biopsy

Cirrhosis indicated by biopsy	N=9783; n=661 n (%)
By biopsy only	114 (17.2)
Also by FIB-4	357 (54.0)
Also by diagnostic/procedure codes (for cirrhosis or manifestations of hepatic decompensation)	356 (53.9)
Also by APRI>1.0	381 (58.5)
Also by APRI>1.5	294 (45.2)
Also by APRI>2.0	229 (34.6)

Supplementary Table 2: Proportion of Patients with Cirrhosis Indicated by FIB-4 Scores

Cirrhosis indicated by FIB-4 \geq 5.88	N=9783; n=2194 n (%)
By FIB-4 \geq 5.88 only	433 (19.7)
Also by liver biopsy	357 (16.3)
Also by diagnostic/procedure codes (for cirrhosis or manifestations of hepatic decompensation)	326 (14.9)
Also by APRI>1.0	1659 (75.6)
Also by APRI>1.5	1402 (63.8)
Also by APRI>2.0	1186 (54.1)

Supplementary Table 3: Concordance between Cirrhosis Indicated by FIB-4 Scores and by Biopsy

Cirrhosis indicated by FIB-4 ≥ 5.88	n=2194, n (%)
Never had a biopsy	1406 (64)
Had at least one biopsy	788 (36)
Biopsy indicated cirrhosis	357 (45)
Biopsy did not indicate cirrhosis	431 (55)

Supplementary Table 4: Association of Mode of Infection with Prevalence of Cirrhosis

Mode of Infection	Response	All (N= 4218)	No Cirrhosis (N= 3213)	Cirrhosis (N= 1005)	P value	Test
Infected at birth	No	4178 (99%)	3179 (99%)	999 (99%)	0.262	Fisher's Exact Test
	Yes	40 (1%)	34 (1%)	6 (1%)		
Injected drugs	No	2463 (58%)	1809 (56%)	654 (65%)	<.001	Chi Square
	Yes	1755 (42%)	1404 (44%)	351 (35%)		
Occupational exposure	No	3862 (92%)	2959 (92%)	903 (90%)	0.026	Chi Square
	Yes	356 (8%)	254 (8%)	102 (10%)		
Sex with male infected person	No	3768 (89%)	2848 (89%)	920 (92%)	0.009	Chi Square
	Yes	450 (11%)	365 (11%)	85 (8%)		
Sex with female infected person	No	3903 (93%)	2963 (92%)	940 (94%)	0.167	Chi Square
	Yes	315 (7%)	250 (8%)	65 (6%)		
Medical Procedure	No	3795 (90%)	2908 (91%)	887 (88%)	0.038	Chi Square
	Yes	423 (10%)	305 (9%)	118 (12%)		
Blood transfusion	No	3316 (79%)	2570 (80%)	746 (74%)	<.001	Chi Square
	Yes	902 (21%)	643 (20%)	259 (26%)		
Other	No	4076 (97%)	3110 (97%)	966 (96%)	0.301	Chi Square
	Yes	142 (3%)	103 (3%)	39 (4%)		
Military Pneumatic Injection	No	4182 (99%)	3189 (99%)	993 (99%)	0.179	Chi Square
	Yes	36 (1%)	24 (1%)	12 (1%)		
Tattoo/Body Piercing	No	4035 (96%)	3070 (96%)	965 (96%)	0.523	Chi Square
	Yes	183 (4%)	143 (4%)	40 (4%)		

Mode of Infection	Response	All (N= 4218)	No Cirrhosis (N= 3213)	Cirrhosis (N= 1005)	P value	Test
Household contact with infected person	No	4189 (99%)	3184 (99%)	1005 (100%)	<.001	Fisher's Exact Test
	Yes	29 (1%)	29 (1%)	0 (0%)		
Intranasal Drug Use	No	4192 (99%)	3192 (99%)	1000 (100%)	0.817	Fisher's Exact Test
	Yes	26 (1%)	21 (1%)	5 (0%)		
Smoking/Inhaling Drugs	No	4214 (100%)	3209 (100%)	1005 (100%)	0.579	Fisher's Exact Test
	Yes	4 (0%)	4 (0%)	0 (0%)		