

# THE LANCET

## Gastroenterology & Hepatology

### Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed.  
We post it as supplied by the authors.

Supplement to: Eshraghian A, Taghavi A, Nikeghbalian S, Malek-Hosseini SA.  
Reduced rate of hospital admissions for liver-related morbidities during the initial  
COVID-19 outbreak. *Lancet Gastroenterol Hepatol* 2020; published online June 29.  
[https://doi.org/10.1016/S2468-1253\(20\)30207-7](https://doi.org/10.1016/S2468-1253(20)30207-7).

**Supplement Table 1:** Baseline characteristics of patients

	<b>Study period</b>	<b>Control time period</b>	<b>P-value</b>
<b>Age (years)</b>	51.3 ± 14.9	50.7 ± 13.8	0.679
<b>Sex (male/female)</b>	56/68	113/117	0.476
<b>MELD score</b>	17.07 ± 4.05	15.18 ± 3.45	<0.001
<b>Hospital stay (days)</b>	7.44 ± 5.42	5.32 ± 3.37	<0.001
<b>Causes of liver cirrhosis</b>			>0.05
<b>HBV</b>	15	34	
<b>NASH</b>	14	35	
<b>Cryptogenic</b>	14	29	
<b>PSC</b>	12	24	
<b>AIH</b>	10	18	
<b>HCV</b>	10	16	
<b>Budd-Chiari syndrome</b>	6	9	
<b>Wilson disease</b>	1	2	

MELD: Model for end stage liver disease; HBV: Hepatitis B virus; NASH: Non-alcoholic steatohepatitis; PSC: Primary sclerosing cholangitis; AIH: Autoimmune hepatitis; HCV: Hepatitis C virus

**Supplementary Table 2:** Hospital admissions for liver related disorders during COVID-19 outbreak compared to the control time

	<b>Study period</b>	<b>Control time</b>	<b>Incidence rate ratio (95% CI)</b>	<b>P-value</b>
<b>All admissions</b>				<0.001
<b>Number of admissions (rate per day)</b>	124 (1.74)	230 (3.23)	1.85 (1.49- 2.30)	
<b>GIB</b>				0.004
<b>Number of admissions (rate per day)</b>	14 (0.19)	35 (0.49)	2.50 (1.34- 4.64)	
<b>SBP</b>				0.042
<b>Number of admissions (rate per day)</b>	19 (0.26)	34 (0.47)	1.78 (1.02- 3.13)	
<b>Hepatorenal syndrome</b>				0.009
<b>Number of admissions (rate per day)</b>	23 (0.32)	45 (0.63)	1.95 (1.18- 3.23)	
<b>Hepatic Encephalopathy</b>				0.018
<b>Number of admissions (rate per day)</b>	19 (0.26)	37 (0.52)	1.94 (1.12- 3.38)	
<b>Acute hepatitis</b>				0.082
<b>Number of admissions (rate per day)</b>	6 (0.08)	14 (0.19)	2.33 (0.89- 6.07)	
<b>Diuretic resistant ascites</b>				0.068
<b>Number of admissions (rate per day)</b>	7 (0.09)	16 (0.22)	2.28 (0.94- 5.55)	
<b>Liver transplant related admissions</b>				0.160
<b>Number of admissions (rate per day)</b>	36 (0.50)	49 (0.69)	1.36 (0.88- 2.09)	

GIB: Gastrointestinal bleeding; SBP: Spontaneous bacterial peritonitis; CI: Confidence interval. Poisson regression analysis was used to calculate incidence rate ratios comparing admissions during COVID-19 outbreak with the control time period.