

Supplementary Materials

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Supplementary Table S1. Summary of the countries of origin of the studied at-risk migrant population stratified by regions.

Eastern Europe	No. participants	Anti-HCV(+)	HCV-RNA(+)
Bosnia and Herzegovina	1		
Bulgaria	58	27	12
Croatia	3		
Slovakia	4	2	1
Slovenia	2		
Georgia	31	14	10
Hungary	4		
Latvia	2		
Lithuania	4	2	2
Moldova	9	2	1
Poland	45	5	1
Czech Republic	1		
Republic of Macedonia	1		
Romania	188	19	9
Russia	15	4	3
Serbia	2		
Ukraine	47	15	7
Total	417	90	46
Western Europe			
Germany	6	2	1
Austria	1		
Finland	1	1	1
France	5		
Greece	7	4	1
Italy	20	5	2
Netherlands	1		
Portugal	28	9	7
United Kingdom	10		
Total	79	21	12
Northern Africa			
Algeria	44	1	
Egypt	1		
Ethiopia	2	1	1
Libya	5	1	1
Morocco	291	6	
Mauritania	3		
Sahara	8		
Somalia	11		
Sudan	2	1	
Tunisia	2		
Total	369	10	2
Sub-Saharan Africa			
Angola	4		

Cape Verde	2	1	1
Cameroon	21		
Ivory Coast	15		
Gambia	4		
Ghana	9		
Guinea	22		
Equatorial Guinea	21	2	
Guinea-Bissau	2		
Kenya	1		
Liberia	1		
Mali	28		
Nigeria	33		
Central African Republic	1	1	
Democratic Republic of the Congo	1		
South African Republic	2		
Rwanda	1		
Senegal	35		
Sierra Leone	4	1	
Togo	3		
Uganda	1		
Total	211	5	1
South America			
Argentina	23		
Bolivia	11		
Brazil	31		
Chile	9	1	1
Colombia	229	2	
Ecuador	86		
Paraguay	8		
Peru	100		
Uruguay	11		
Venezuela	329	6	3
Total	837	9	4
Central America			
Costa Rica	4		
Cuba	52	1	
Dominica	1		
El Salvador	33		
Guatemala	1		
Haiti	1		
Honduras	34		
Jamaica	2		
Mexico	9	1	1
Nicaragua	13		
Panama	4		
Dominican Republic	59		
Total	213	2	1

Asia			
Afghanistan	55		
Bangladesh	1	1	
Burma	2		
China	10		
Philippines	4		
Iran	1	1	
Iraq	7		
Israel	1		
Japan	1		
Jordan	2		
Kazakhstan	4		
Mongolia	1		
Nepal	1	1	1
Pakistan	3		
Palestine	10	2	
Singapore	1		
Syria	7		
Sri Lanka	2		
Yemen	5		
Total	118	5	1
Unknown			
Unknown	44	7	3
Total	44	7	3

Supplementary Table S2. Factors associated with the active HCV infection among at-risk migrant people

	aOR (95%CI)	p-value	q-value
Age > 40 years (yes/no)	0.8 (0.5 - 1.3)	0.326	0.489
Sex (male/female)	1.7 (0.6 - 4.4)	0.317	0.489
European origin (yes/no)	5.8 (2.7 - 12.7)	<0.001	<0.001
Social situation			
Homelessness (yes/no)	0.8 (0.4 - 1.6)	0.616	0.739
Lack of financial income (yes/no)	1.5 (0.7 - 3.3)	0.284	0.489
Undocumented status (yes/no)	1.1 (0.6 - 1.9)	0.780	0.851
Substance abuse (last year)			
Alcohol misuse (yes/no)	1.8 (1.1 - 2.9)	0.013	0.039
Benzodiazepine (yes/no)	1.4 (0.8 - 2.4)	0.284	0.489
PWID (last year)			
Non-IDU (reference)	1	-	
Non-active IDU	7.3 (2.9 - 18.3)	<0.001	<0.001
Active IDU	14.7 (6.7 - 32.1)	<0.001	<0.001
Sexual intercourse (last year)			
No (reference)	1	-	
Condom use	0.8 (0.5 - 1.3)	0.404	0.539
No condom use	1 (0.4 - 2.4)	0.976	0.976

Statistical analysis: Data were calculated using a general linear model with a negative binomial distribution, adjusted by patient characteristics and bootstrap repetitions (1,000). The reference category for dichotomous variables was always the one indicated in second place in brackets. *P*-values were corrected by the Benjamini and Hochberg procedure (*q*-value). Statistically significant differences are shown in bold.

Abbreviations: aOR = adjusted odds ratio; HCV = hepatitis C virus; IDU = injection drug use; PWID = people who inject drugs