

APPENDIX A**Table 1.** SIDIAP sample of Pakistani migrants registered at the CAPs used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=46,066)	Age category (years)	Percentage
3,080	0-4	6.69%
2,268	5-9	4.92%
1,485	10-14	3.22%
2,103	15-19	4.57%
3,977	20-24	8.63%
11,328	25-34	24.59%
12,147	35-44	26.37%
6,891	45-54	14.96%
2,303	55-64	5.00%
484	≥65	1.05%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan); CAP: primary care centers (acronym in Catalan).

Table 2. SIDIAP sample of Pakistani migrants aged 18 years or older registered at the CAPs used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=37,972)	Age category (years)	Percentage
842	18-19	2.22%
3,977	20-24	10.47%
11,328	25-34	29.83%
12,147	35-44	31.99%
6,891	45-54	18.15%
2,303	55-64	6.07%
484	≥65	1.27%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan); CAP: primary care centers (acronym in Catalan).

APPENDIX B

Table 3. Sample of liver fibrosis staging in viremic infections under treatment used to estimate the diagnostic classification (Catalan Health System Database, 2019).

Parameter	Value	CI
Genotype 1		
% F0-F1	66.87 %	(95% CI): 61.83 – 71.91 % N =335
% F2	14.93 %	(95% CI): 11.11 – 18.74 % N =335
% F3	9.25 %	(95% CI): 6.15 – 12.36 % N =335
% F4	8.06 %	(95% CI): 5.14 – 10.97 % N =335
Genotype 2		
% F0-F1	60.15 %	(95% CI): 51.83 – 68.47 % N =133
% F2	20.30 %	(95% CI): 13.46 – 27.14 % N =133
% F3	9.77 %	(95% CI): 4.73 – 14.82 % N =133
% F4	9.77 %	(95% CI): 4.73 – 14.82 % N =133
Genotype 3		
% F0-F1	53.48 %	(95% CI): 49.12 – 57.84 % N =503
% F2	16.9 %	(95% CI): 13.62 – 20.17 % N =503
% F3	12.33 %	(95% CI): 9.45 – 15.20 % N =503
% F4	17.3 %	(95% CI): 13.99 – 20.60 % N =503
Genotype 4		
% F0-F1	62.47 %	(95% CI): 57.80 – 67.14 % N =413
% F2	17.19 %	(95% CI): 13.55 – 20.83 % N =413
% F3	6.78 %	(95% CI): 4.36 – 9.20 % N =413
% F4	13.32 %	(95% CI): 10.04 – 16.59 % N =413

CI: confidence interval.

APPENDIX C

Table 4. SIDIAP sample of Pakistani migrants aged 18 years or over tested at the CAPs (HCV antibody test) used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=15,073)	Age category (years)	Percentage
255	18-19	1.69%
851	20-24	5.65%
3,752	25-34	24.89%
5,512	35-44	36.57%
3,317	45-54	22.00%
1,192	55-64	7.91%
194	≥65	1.29%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan); CAP: primary care centers (acronym in Catalan); HCV: hepatitis C virus.

Table 5. SIDIAP sample of seroprevalent cases (positive HCV antibody test at the CAPs) in Pakistani migrants aged 18 years or over used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=1,129)	Age category (years)	Percentage
6	18-19	0.53%
13	20-24	1.15%
133	25-34	11.78%
405	35-44	35.87%
388	45-54	34.37%
165	55-64	14.62%
19	≥65	1.68%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan); CAP: primary care centers (acronym in Catalan); HCV: hepatitis C virus.

Table 6. SIDIAP sample of viremic infections (HCV RNA test at the CAPs) in Pakistani migrants aged 18 years or over used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=378)	Age category (years)	Percentage
2	18-19	0.53%
8	20-24	2.13%
47	25-34	12.43%
135	35-44	35.71%
132	45-54	34.92%
47	55-64	12.43%
7	≥65	1.85%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan); CAP: primary care centers (acronym in Catalan); HCV: hepatitis C virus.

APPENDIX D

Table 7. Sample of seroprevalent cases (positive HCV antibody test) in Pakistani participants in the HepClink pilot study aged 18 years or over used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=366)	HCV Antibody Test	Percentage
350	Negative	95.63%
16	Positive	4.37%

HCV: hepatitis C virus.

Table 8. Sample of seropositive patients who deliver a DBS sample in Pakistani participants in the HepClink pilot study aged 18 years or older used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=16)	DBS Sample	Percentage
15	Yes	93.75%
1	No	6.25%

DBS: dried blood spot sample.

Table 9. Sample of viremic infections (HCV RNA test) in Pakistani participants in the HepClink pilot study aged 18 years or over used in the extrapolation to the whole Catalonia region (Barcelona health area, 2019).

Pakistani individuals (N=15)	HCV RNA	Percentage
10	Negative	66.67%
5	Positive	33.33%

HCV: hepatitis C virus.

APPENDIX E

Table 10. Age distribution with corresponding number and percentage of total of Pakistani adult population registered at the CAPs in 2019.

Pakistani individuals (N=44,214)	Age category (years)	Percentage
980	18-19	2.22%
4,631	20-24	10.47%
13,190	25-34	29.83%
14,143	35-44	31.99%
8,024	45-54	18.15%
2,682	55-64	6.07%
564	≥65	1.27%

CAP: primary care centers (acronym in Catalan).

Table 11. Evolution of costs and budget impact.

Year	Current cost	Cost with HepClick	Cost Variation	Budget Impact
2019	5,141,322.70	5,935,160.30	793,837.60	793,837.60
2020	277,994.02	327,456.92	49,462.90	843,300.50
2021	43,992.38	51,819.86	7,827.47	851,127.97
2022	27,631.10	32,547.45	4,916.34	856,044.31
2023	26,486.31	31,198.82	4,712.51	860,756.82
2024	26,406.00	31,104.36	4,698.36	865,455.18
2025	26,400.38	31,097.74	4,697.36	870,152.55
2026	26,399.98	31,097.28	4,697.29	874,849.84
2027	26,399.96	31,097.25	4,697.29	879,547.13
2028	26,399.95	31,097.24	4,697.29	884,244.42

Table 12. Evolution of costs and budget impact by implementing the HepClink in Barcelona, Camp de Tarragona and Terres de l'Ebre.

Year	Current cost	Cost with HepClink	Cost Variation	Budget Impact
2019	5,141,322.70	5,802,367.97	661,045.27	661,045.27
2020	277,994.02	324,326.36	46,332.34	707,377.61
2021	43,992.38	51,324.45	7,332.06	714,709.68
2022	27,631.10	32,236.29	4,605.18	719,314.86
2023	26,486.31	30,900.55	4,414.24	723,729.10
2024	26,406.00	30,807.00	4,401.00	728,130.10
2025	26,400.38	30,800.44	4,400.06	732,530.16
2026	26,399.98	30,799.98	4,400.00	736,930.16
2027	26,399.96	30,799.95	4,399.99	741,330.15
2028	26,399.95	30,799.95	4,399.99	745,730.14

APPENDIX F

Table 13. SIDIAP sample of Pakistani migrants attended at primary care (Barcelona health area, 2019).

Pakistani individuals (N=31,362)	Age category (years)	Percentage
2,258	0-4	7.2%
1,662	5-9	5.3%
1,088	10-14	3.47%
1,542	15-19	4.92%
2,124	20-24	6.77%
6,733	25-34	21.47%
8,496	35-44	27.09%
5,195	45-54	16.56%
1,888	55-64	6.02%
376	≥65	1.2%

SIDIAP: Information System for the Development of Research in Primary Care (acronym in Catalan).